1975

## ENVIRONMENTAL MONITORING AND BASELINE DATA

Compiled under the
SMITHSONIAN INSTITUTION
ENVIRONMENTAL SCIENCES PROGRAM

Temperate Studies
Rhode River, Maryland

Edited by David L. Correll



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<sup>\*</sup> Monitored on strip charts at dock by Robert Cory, U. S. G. S.

<sup>\*\*</sup> Published separately as daily maximum and minimum values as U. S. G. S. data file report

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Another major interaction of the Rhode River ecosystem is the exchange of water masses with the open bay. This maintains the salinity gradient and determines many of the properties of the estuary. Map number 3 illustrates the aquatic system with channel axes and axial distances marked. Map number 4 illustrates the estuarine sampling stations and transects in the Rhode River. These are the stations used for integrated data collection for the development of estuarine models.

In 1974 and 1975 extensive estuarine research was conducted on the South River subestuary of the Chesapeake Bay. Map number 5 shows the stations and transects used in this work. The goal of this short-term research was to evaluate a comparative approach to estuarine modeling.

In 1966 the Smithsonian Institution was given the first of a group of Islands in Chesapeake Bay called the Poplar Island Group (map 6).

Some research has been conducted there over the intervening years and will be included in this report.

This report is primarily a guide to the research data collected during 1975. In the interest of practicality, all data which is currently scheduled to be included in the Center's computer data bank on magnetic tape will only be described sufficiently for interested parties to identify what is in the bank and whether it would be of interest to retrieve it. Other categories of data will be handled as in previous yearly reports.

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Figure 1. Map of the Chesapeake Bay area. An arrow points to the location of the Rhode River subestuary. The South River subestuary is immediately to the north. The Poplar Islands are enclosed in a circle.



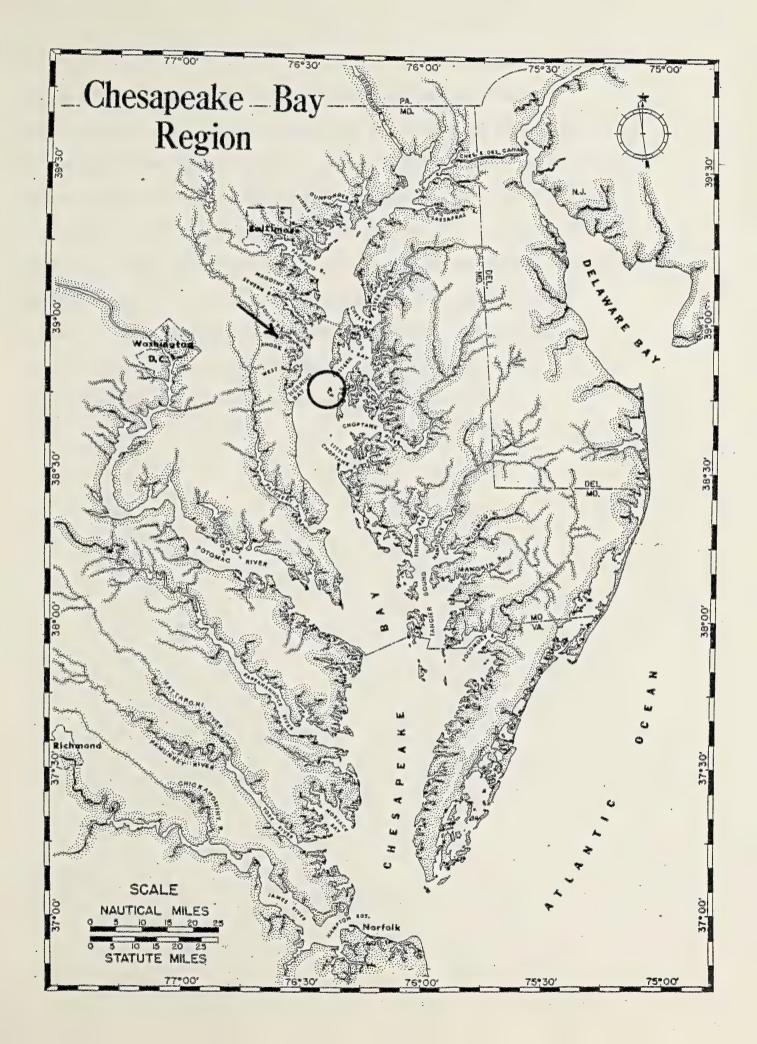
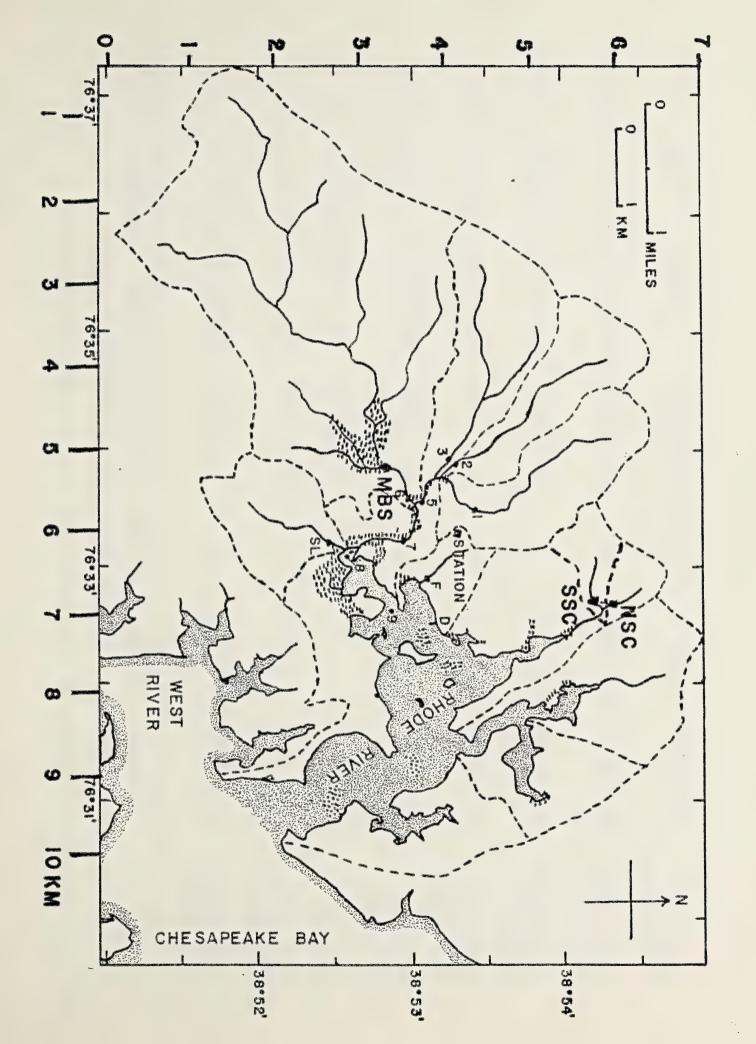




Figure 2. Map of the watershed of the Rhode River subestuary of Chesapeake Bay. Subwatershed boundaries are delineated with dashed lines. Stream-gauging notch weirs, with automated discharge rate-recording and volume-integrated water sampling instrumentation are now operating at locations 1, 2, 3, SL, F, NSC, and SSC. A tidal flux station with recording current meter and tide gauge interfaced with volume-integrated water samplers for incoming and for outgoing tidal waters are now operating at station MBS (Muddy Creek main branch flux section). D is the location of the Smithsonian boat dock. The metric X-Y grid of the watershed/estuary is marked on the margins in kilometers.







(See map #2 for locations). Table 1. Land Use Analysis of Rhode River Basins Monitored in 1975.

			<b>-</b> − }	ectares in e	Hectares in each land use category in 1972	stegory in 1972		
	Basin	Cultivated Crops	Wet Areas (fresh)	Wet Areas (tidal)	Forest & brush land	Pasture land	Residential & other	Total area (ha)
(виколя)	North Branch Sellman Greek Weir (NSC)	12.5 (33.3%)	0	0	14.5 (38.8%)	10.3 (27.6%)	0.13 (0.3%)	37.4
Saturand Saturand	South Branch Sellman Creek Weir (SSC)	27.9 (31.5%)	0.17 (0.2%)	0	39.8 (44.9%)	15.8 (17.8%)	5.1 (5.7%)	88.7
Banconil framewill Banconill	Fox Creek Weir (F)	2.3 (8.0%)	0	0	24.4 (83.0%)	2.2 (7.5%)	0.43 (1.5%)	29.4
>> 	North Branch Muddy Creek Weir (#1)	69.7 (29.1%)	1.9 (0.8%)	0	107.7 (45.0%)	46.9 (19.6%)	13.2 (5.5%)	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
	Blue Jay Branch Muddy Creek Weir (#2)	47.2 (26.2%)	2.0 (1.1%)	<b>3</b>	92.6 (51.4%)	27.3 (15.2%)	11.0 (6.1%)	.08
forces	Williamson Branch Muddy Creek Weir (#3)	18.2 (7.2%)	0.45 (0.2%)	0	188.5 (74.1%)	31.8 (12.5%)	15.5 (6.1%)	254.4
Jacond Jacond Million	Main Branch Muddy Creek flux section (MBS)	260.0 (21.2%)	59.0 (4.8%)	0	671.1 (54.6%)	144.0 (11.7%)	94.8 (7.7%)	1229.0
    	Steinlein Branch Muddy Creek Weir (SL)	62.0 (42.2%)	0.36 (0.2%)		72.9 (49.7%)	7.4 (5.0%)	4.1 (2.8%)	146.8



Figure 3. Map of the Rhode River subestuary of Chesapeake Bay. The names of the various arms of Rhode River are given. Channel axes are drawn in with axial distances in kilometers from the mouths upstream.



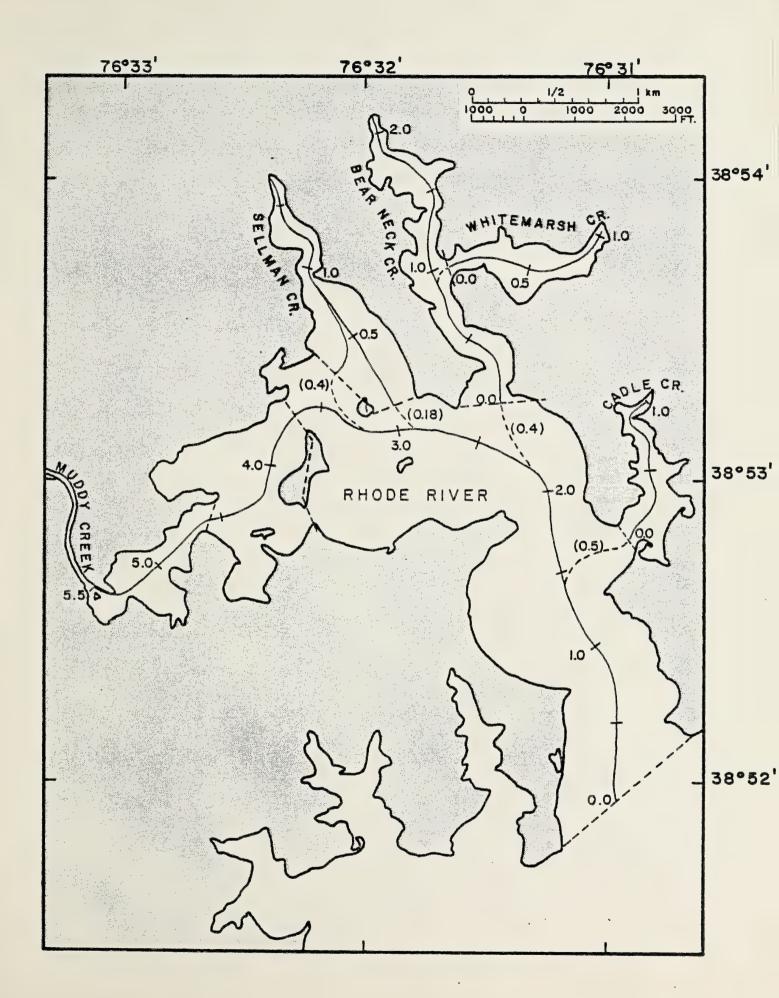




Figure 4. Map of the Rhode River subestuary of Chesapeake Bay. Transect stations are designated by a terminal T. In general, parameters were measured as vertical profiles or vertically integrated samples at point stations and as horizontally integrated samples or horizontal profiles at transect stations.



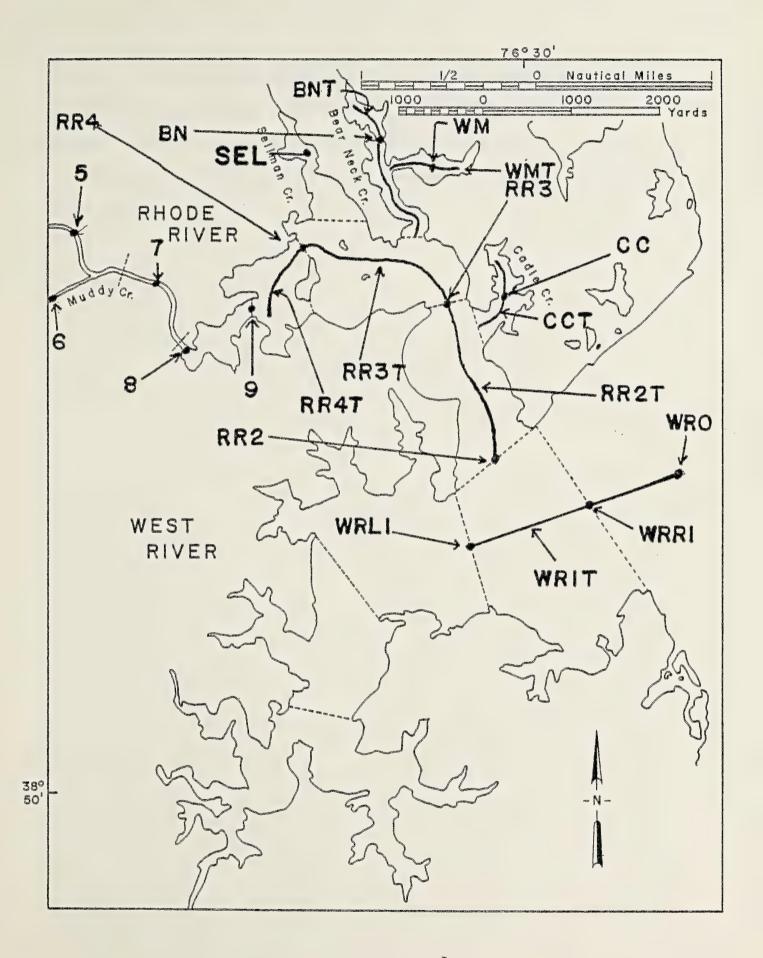




Figure 5. Map of the South River subestuary of Chesapeake Bay. Transect stations are designated by a terminal T. In general, parameters were measured as vertical profiles or vertically integrated samples at point stations and as horizontally integrated samples or horizontal profiles at transect stations.



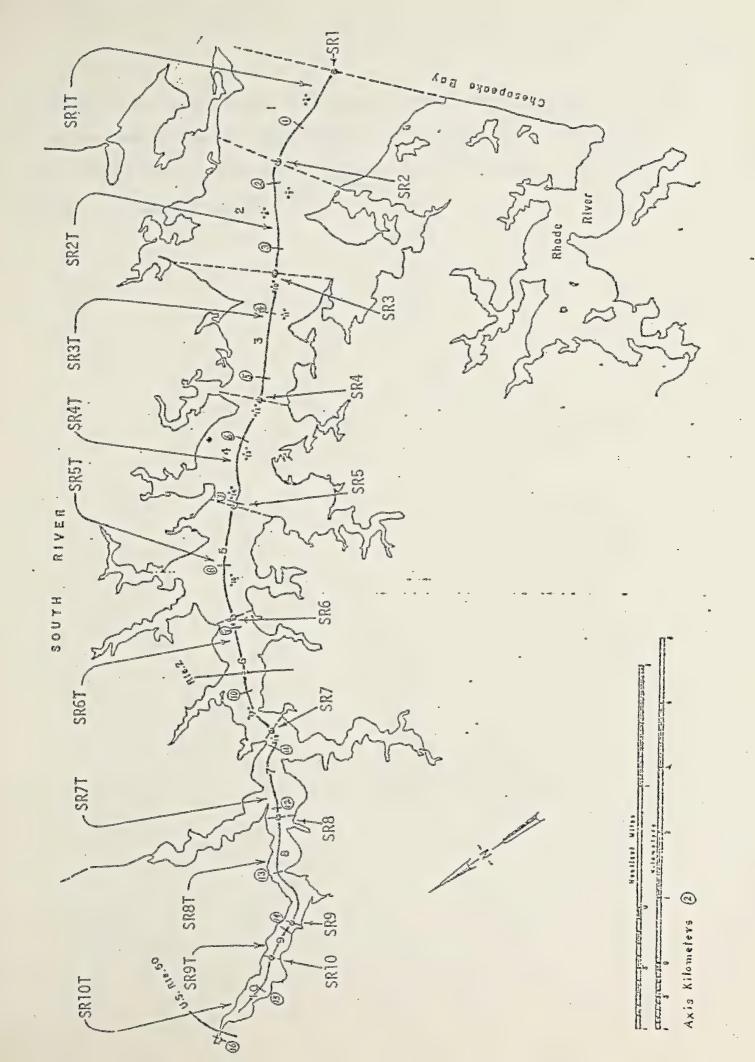




Figure 6. Map of the Poplar Island Group with approximate boundaries at various times in the past designated. In 1975 only Coaches Island was not owned by the Smithsonian Institution. For the location of the island group in Chesapeake Bay see figure 1.



# POPLAR ISLAND GROUP

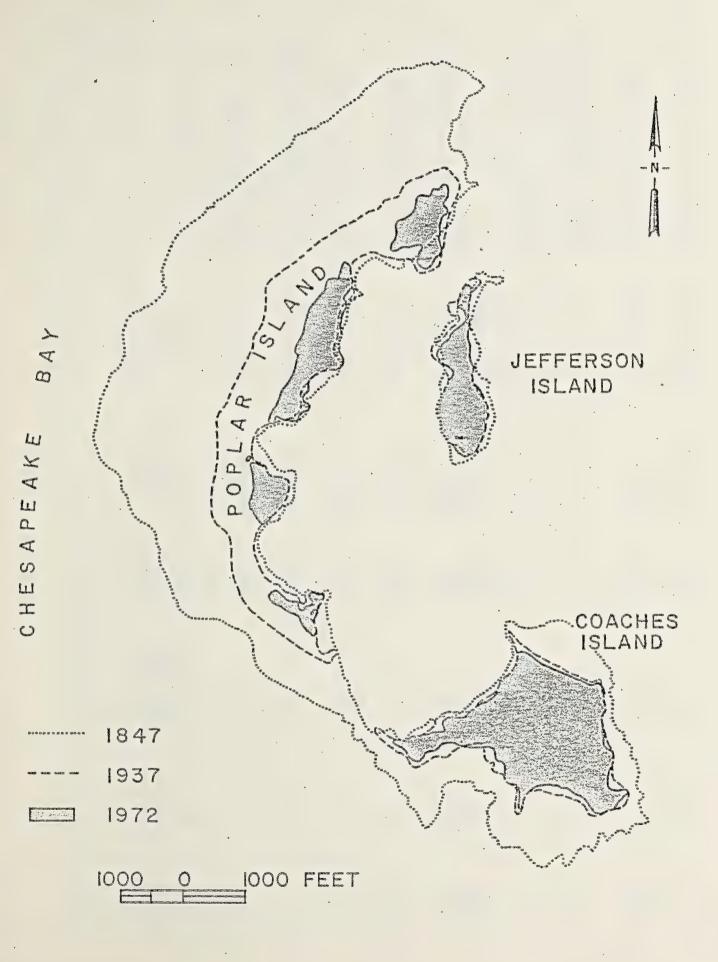




Table 2. Cross Comparison List of Estuarine Stations.

Description	North fork of Muddy Creek.	Main branch of Muddy Creek above fork.	Halfway between C8 and the first fork of Muddy Creek.	Downstream end of Muddy Creek channel.	Between Fox Point and northern end of Corn Island.	In channel west of northern end of Big Island.	In channel off the end of CBCES dock.	In channel on line between northern end of Big Island and Flat Island.	Channel near RR7 channel marker.	Channel near RR4 channel marker.
Rhode River grid location	5578 - 3723	9096 - 3506	6084 - 3409	6217 - 2868	6976 - 3313	7169 - 3373 7265 - 3687 7470 - 3976	7229 - 3651	7662 - 3964	7711 - 3928 8952 - 3482	9108 - 2867
Axial designation (Km)	RR 6.8 N	RR 6.95	RR 6.15	RR 5.40	RR 4.50	RR 4.3 RR 4.0 RR 3.65	RR 3.95	RR 3.38	RR 3.3 RR 2.1	RR 1.09
Computer station code	00035	00034	00033	00032	0003	030.4 030.2 00030	10	loue bone	029.4 00029	0012
Comparative study names 7/74 - 7/75	50	90	C7	83	60	NA NA RR4	NA	N	NA RR3	NA
Pre 7/74 station name	Ŋ	9	7	æ	6	Z Z Z Z	10	=	N 2	12.5
Present station name	<b>C</b> 2	90	<b>C</b> 2	83	63	RR4C RR4B RR4A	N A	Z	RR3B RR3A	NA

Table 2. (Continued)

Description	Center of mouth of RR (line from Dutchman's Point to Cheston Point).	In West River off Cheston Point. Center of mouth of WR (line from Dutchman's Point to Curtis Point	WR2 channel marker.	Transect from RR4 to north- east of Corn Island.	Transect from RR3 to RR4.	Transect from RR2 to RR3.	Transect from WRR1 to WRL1	East of Chalk Point.	West of Chalk Point.	Transect from WRR4 to WRL4.
Rhode River grid location	9193 - 2675 9518 - 1578	9843 - 0976 9193 - 0723 10373 - 1217	11265 - 1458	*	*	*	*	NA	. NA	NA
Axial designation (Km)	RR 1.0 RR 0.00	WR 0.6 WR 1.2 RR -1.17 (WR 0.0)	WR -1.0	RR 3.65 -	RR 1.8 -	RR 0.0 -	WR 0.0 -	WR 4.6 (E)	WR 4.7 (W)	WR 4.6 (E) - -4.7 (W)
Computer station code	028.4	022.4 00023 00022	00021	00042	00041	000040	00026	00024	00025	00027
Comparative study names 7/74 - 7/75	NA RR2	NA WRL1 WRR1	WRO	RR4T	RR3T	RR2T	WRIT	WRR4	WRL4	WR4T
Pre 7/74 station name	NA 13	NA PA	Z	N N	N A	\$	A	N	N	E
Present station name	RR2B RR2A	WRIB WRIC WRIA	HRO	RR4T	RR3T	RR2T	WRIT	WRR4	WRL4	WRAT

Table 2. (Continued)

Description	Sellman Creek.	Cadle Creek channel.	Transect from CC Km 0 to CC Km 1.0.	In Bear Neck Creek Channel.	Transect from BN Km O to Bn Km 1.6.	In Whitemarsh Creek Channel.	Transect from WM Km O to WM Km 0.9.
Rhode River grid location	7470 - 50072	9398 - 3156 9590 - 3626 9494 - 4012	*	8651 - 4036 8337 - 4687 8265 - 5265	*	8385 - 4880 8795 - 4892 8988 - 4892	*
Axial designation (Km)	~~ ~~	0.0 0.0 0.0 0.0 0.1	- 0.0 2	BN 0.0 BN 0.8 BN 1.3	BN 0.0 -	WM 0.0 WM 0.45 WM 0.7	- 0.0 MW
Computer station code	90003	038.8 00039 039.2	00045	036.6 036.8 00037	00043	037.8 00038 038.2	000044
Comparative study names 7/74 - 7/75	를 S	ACCA	ССТ	BNAN	<u>-</u>	N E N	Jones Sec.
Pre 7/74 station name	SEL	S C S	Ž	N N N N N N N N N N N N N N N N N N N	Z.	AN A	2
Present station name	SEL	<b>V</b> 8000	ССТ	BNA BNB BNC		WMA WMC	

\* See individual stations.

Table 2. (Continued)

Description	<pre>l mile east from S. River - W. River intersect marker.</pre>	Center of mouth of S. River (line from Saunders Point to Marshy Point).	Off inlet to Ramsey Lake (0.4 Km below SR7 channel marker).	0.3 Km downstream from SR10 channel marker.	Off entrance to Harness Creek (0.2 Km downstream from SR12 channel marker).	0.2 Km upstream from SR14 channel marker.	At SR16 channel marker.	At SR18 channel marker.	Between Sylvan Shores and Porter Point.	1.0 Km upstream from Beard's Point.
Rhode River grid location	NA	NA	NA	NA	NA	NA	NA	X	NA	AN
Axial designation (Km)	NA	SR 0.0	SR 1.7	SR 3.3	SR 5.4	SR 7.1	SR 8.9	SR 10.4	SR 12.4	SR 13.7
Computer station code	00046	000047	00048	00049	000020	00051	00052	00053	00054	00055
Comparative study name 7/74 - 7/75	SRO	SRI	SR2	SR3	SR4	SR5	SR6	SR7	SR8	SR9
Pre 7/74 station name	A ·	Z.	N		N.	4	M	A		Z.
Present station name	SRO	SRI	SR2	SR3	SR4	SR5	SR6	SR7	SR8	SR9

Table 2. (Continued)

Description	1.5 Km upstream from Beard's Point.	Transect from SR1 to SR2.	Transect from SR2 to SR3.	Transect from SR3 to SR4.	Transect from SR4 to SR5.	Transect from SR5 to SR6.	Transect from SR6 to SR7.	Transect from SR7 to SR8.	Transect from SR8 to SR9.	Transect from SR9 to SR10	Transect from SR10 upstream to depth of 3 feet at MHW (approximately 1.4 Km).	Broad Creek channel.	Broad Creek transect.
Rhode River grid location	4		oscilla Società Societa Società Società Società Società Società Società Società Societa Società Società Società Società Società Società Società Societa Società Società Società Società Società Società Società Societa Società Società Società Società Società Società Società Societa Società Società Società Società Società Società Società Societa Società Società Società Società Società Società Società Societa Società Società Società Società Società Società Società Societa Società Società Società Società Società Società Società Societa Società Società Società Società Società Società Società Societa Società Società Società Società Società Società Società Societa Società Società Società Società Società Società Società Societa Società Società Società Società Societa Societ	S.	\$	S.					T.	end <sup>o</sup> enge enso	~
Axial designation (Km)	SR 14.7	SR 0.0 - 1.7	SR 1.7 - 3.3	SR 3.3 - 5.4	SR 5.4 - 7.1	SR 7.1 - 8.9	SR 8.9 - 10.4	SR 10.4 - 12.4	SR 12.4 - 13.7	SR 13.7 - 14.7	SR 14.7 - 16.4	BC 0.8	BC 0.0 - 2.0
Computer station code	95000	0002	00058	65000	9000	19000	00062	00063	0000	00000	99000	0000	89000
Comparative study names 7/74 - 7/75	SRS	2	282	8	Z	SR5T	286	SR7	SR8T	289	SRIOT	. <b>.</b>	
Pre 7/74 station name	en e		Š	The state of the s		<u> </u>	ange ange ange	S	Emilyo owega Goos		d Z	enga enga fisca	
Present station name	S O	ferences prosence Control	SR2T	SR3T	282	SRST	SRGT	E &	SRBT	SR9T	2	೪	

Cross Comparison List of Watershed and Upland Stations. Table 3.

Description	900' northeast of junction of North and Main forks of Muddy Creek.	Three tributaries join to form the fork of Muddy Creek. This weir is on the northernmost tributary.	Middle tributary of north fork of Muddy Creek at intersection with old Muddy Creek road.	Southernmost tributary of the north fork of Muddy Creek at the intersection with new Muddy Creek road.	Main branch of Muddy Creek at intersection with new Muddy Creek road (upstream of first large culvert south of Mill Swamp road).	On northern tributary of Sellman Creek.	The main (and southernmost) branch of Sellman Creek.
Rhode River grid location	5768 - 3793	5732 - 4317	5134 - 4098	4744 - 4268	5049 - 3159	7061 - 5878	6927 - 5829
Computer station code	66000	0	00102	00103	40000	0000	90100
Pre 1975 station name	Spring water	Weir 1 (North Branch)	Weir 2 (Blue Jay, Sharps)	Weir 3 (Williamson)	Surface station C4	Camp Run Weir	Sellman Creek Weir
Present station name	Spring house	Weir 1 (North Branch)	Weir 2 (Blue Jay Branch)	Weir 3 (Williamson Branch)	<b>T</b>	Sellman Creek North Branch Weir	Sellman Creek South Branch Weir

Table 3. (Continued)

	Description	500' from mouth of the small stream feeding Fox Cove.	1,000' upstream of the mouth of Steinlein Creek.	Near the lower end of field- sized watershed composed of four corn fields. A branch of Steinlein Creek.	Field-sized watershed composed only of pasture. A subwater-shed of the North Branch of Muddy Creek.	Field-sized watershed composed of only forest. Drains directly into Muddy Creek estuary. Northern portion of intensive study site no. 2.	On the main (southern) fork of Muddy Creek just downstream of the last tributary about 600' downstream from Muddy Creek road.	Mouth of the sediment trap of Muddy Creek between Fox Point and northern end of Corn Island.
Rhode River	grid location	6610 - 3780	5951 - 2366	988 - 1988	5840 - 4723	6025 - 3615	5195 - 3207	6927 - 3317
Computer	station	20100	00108	00100	00110	11100	00121	00122
	Pre 1975 station name	Fox Creek Weir	Steinlein Creek Weir	<b>K</b>	N.	N N	Main Branch Flux section	Fox Point Flux section
	Present station name	Fox Creek Weir	Steinlein Creek Weir	Corn field watershed weir	Pasture watershed weir	Forest area weir	Main Branch of Muddy Creek Flux section	Fox Point Flux section

Table 3. (Continued)

Description	Mouth of Bear Neck Creek.	Mouth of Cadle Creek.	The southernmost tributary of the north branch of Muddy Creek downstream of where it passes beneath Old Muddy Creek Road.	Hog Island. Mature forest with only minimal disturbance historically (selective logging).	North branch of tidal Muddy Creek. Mature forest with only minimal disturbance historically.	Undisturbed for approximately 130 years, previously site of slave quarters and presettlement Indian villages.	Mature forest prior to approximately 1830 - 1840, was intensively cultivated for many years.
Rhode River grid location	8671 - 4293	9439 - 3171	5098 - 4037	6200 - 3000	6100 - 3500	6800 - 3800	5200 - 4300
Computer station code	00123	00124		0001	0002	0003	0004
Pre 1975 station name	Bear Neck Creek Flux Section	Cadle Creek Flux Section	Surface station C3	Forest ecology site #l	Forest ecology site #2	Forest ecology site #3	Forest ecology site #4 (also western triangle)
Present station name	Bear Neck Creek Flux Section	Cadle Creek Flux Section	c3 (obsolete) (003)	Intensive study site 1	Intensive study site 2	Intensive study site 3	Intensive study site 4

Table 3. (Continued)

Description	Young forest on lands used for cultivated crops prior to about 1940 - 1945.	Young forest on lands used for cultivated crops prior to about 1940 - 1945.	Young forest on lands used for mule pasture prior to about 1940.	Phalaris grass meadow used for pasture prior to about 1940.	Old field, abandoned on or about 1972.	Lawns located around buildings, in duck yard and along entrance road.	Old field, abandoned on or about 1968.	Mature forest on outer end of Fox Point. A residence was located there until recent times.
Rhode River grid location	6400 - 3400	6600 - 4000	5900 - 4000	5900 - 4400	0069 - 0089	6050 - 4150	5800 - 2500	6900 - 3450
Computer station code	00002	90000	20000	80000	60000	00010	11000	00012
Pre 1975 station name	Forest ecology site #5	Forest ecology site #6	Forest ecology site #7	Forest ecology site #8	Steven's farm field	CBCES lawns	Steinlein's farm field	Fox Point forest
Present station name	Intensive study site 5	Intensive study site 6	Intensive study site 7	Intensive study site 8	Intensive study site 9	Intensive study site 10	Intensive study site 11	Intensive study site 12

Table 3. (Continued)

Description	Field-sized watershed composed of four corn fields. A sub-watershed of the Steinlein Creek basin.	Field-sized watershed composed only of cow pasture. A subwater-shed of the North Branch of Muddy Creek basin.	High marsh between Fox Point and dock.	High marsh between Hog Island and Fox Point.	High marsh on point east of Corn Island.	Low marsh on south shore near channel at mouth of Muddy Creek.	High marsh southwest of Corn Island	Freshwater swamp on North Branch of Muddy Creek just upstream of old entrance road.
Rhode River grid location	6400 - 1900	6100 - 4700	6500 - 3500	6200 - 3200	7300 - 3100	6100 - 2800	6800 - 2800	5700 - 4200.
Computer station code	00014	00015	91000	00017	00018	61000	00020	00021
Pre 1975 station name	N	Kirkpatrick- howat's pasture	Fox Cove marsh	Hog Island marsh	Nixon's Nose	Track site	Kirkpatrick marsh	North Branch Swamp
Present station name	Intensive study site 14	Intensive study site 15	Intensive study site 16	Intensive study site 17	Intensive study site 18	Intensive study site 19	Intensive study site 20	Intensive study site 21

Table 3. (Continued)

Description	Freshwater swamp on Steinlein Creek upstream of weir.	Pine forest on water tower hill west of center.	Pine forest east of Fox Point road.
Rhode River grid location	5900 - 2200	5900 - 4200	6400 - 3600
Computer station code	00022	00023	00024
Pre 1975 station name	Z.		T.
Present station name	Intensive study site 22	Intensive study site 23	Intensive study site 24

Table 4. Principal Investigator Code List

Investigator	Affiliation	Code
Dr. Rita Colwell	Department of Microbiology University of Maryland College Park, Maryland 20742	001
Dr. David L. Correll	Chesapeake Bay Center for Environmental Studies*	002
Mr. Robert Cory	Oceanographer U. S. Geological Survey, Chesapeake Bay Center for Environmental Studies*	003
Dr. Bert G. Drake	Radiation Biology Laboratory Smithsonian Institution 12441 Parklawn Drive Rockville, Maryland	004
Dr. John H. Falk	Chesapeake Bay Center for Environmental Studies*	005
Dr. Maria A. Faust	Chesapeake Bay Center for Environmental Studies*	006
Dr. W. Ronald Heyer	Department of Vertebrate Zoology Museum of Natural History Smithsonian Institution Washington, D. C. 20560	007
Mr. Daniel Higman	Chesapeake Bay Center for Environmental Studies*	008
Dr. James F. Lynch	Chesapeake Bay Center for Environmental Studies*	009
Ms. Irene Magyar	Department of Zoology University of Maryland College Park, Maryland 20742	010
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Ms. Patricia Melhop	Chesapeake Bay Center for Environmental Studies*	012

Table 4. (Continued)

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Mr. Jan Reese	Box 298 St. Michaels, Maryland 21663	015
Mr. Robert Rybczynski	Division of Biological Sciences Neurobiology and Behavior Langmuir Laboratory Cornell University Ithica, New York 14850	016
Dr. Raymond T. Rye	Department of Paleobiology Museum of Natural History Smithsonian Institution Washington, D. C. 20560	017
Dr. Howard H. Seliger	Department of Biology Johns Hopkins University 34th and North Charles Street Baltimore, Maryland 21218	018
Dr. William J. L. Sladen	School of Hygiene and Public Health Johns Hopkins University 615 N. Wolfe Street Baltimore, Maryland 21205	019
Dr. Eugene B. Small	Department of Zoology University of Maryland College Park, Maryland 20742	020
Dr. J. Kevin Sullivan	Chesapeake Bay Center for Environmental Studies*	021
Dr. Theodore W. Suman	Anne Arundel Community College Arnold, Maryland	022
Ms. Marilyn Taub	Department of Zoology University of Maryland College Park, Maryland 20742	023

Table 4. (Continued)

Investigator	<u>Affiliation</u>	Code
Mr. Robert F. Van Dolah	Department of Zoology University of Maryland College Park, Maryland 20742	024
Dr. Ronald Weiner	Department of Microbiology University of Maryland College Park, Maryland 20742	025
Dr. Tung-Lin Wu	Chesapeake Bay Center for Environmental Studies*	026

<sup>\*</sup> Chesapeake Bay Center for Environmental Studies Smithsonian Institution Route 4, Box 622 Edgewater, Maryland 21037

Table 5. Research Funding Codes

<u>Source</u>	Code
Chesapeake Bay Center direct federal funding	001
Smithsonian Institution Environmental Sciences Program	002
Smithsonian Research Foundation	003
Smithsonian Fluid Research Fund	004
National Science Foundation	005

Table 6. Analytical Techniques Code List

Parameter and Units	- <u>Technique</u>	Code
Flow rate (liters/sec.)	Monitor depth in stilling well of water backed up by sharp-crested V-notch weir (Correll, Pierce and Faust, 1975).	031
Flow rate (liters/sec.)	Monitor tidal current velocity with electromagnetic current meters. Correct for cross-sectional areas with tide gauge-operated cam and potentiometer.	032
Total flow (liters)	Flow rate integrated over time.	033
Water temperature (degrees C)	Mercury thermometer	034
Water temperature (degrees C)	Thermistor	035
рН	Indicator dyes and color comparator	036
рН	Hydrogen electrode	037
Turbidity (Jackson units)	Scattering of columnated white light with Hach turbidimeter.	038
Turbidity (meters)	Secci disc	039
Turbidity (% transmission)	Transmission of white light.	040
Turbidity (% transmission)	Transmission of green light.	041
Light penetration (absorbance)	Measurement of vertical absorbance of incident sunlight in water column.	042
Total and mineral suspended particulates (mg/liter)	Gravimetric on millipore HA filters before and after firing organics (Correll, Pierce and Faust, 1975).	043

Table 6. (Continued)

Parameter and Units	Technique	Code
Total N (µg N/liter)	Sum of organic plus ammonia N (by Kjeldahl) and nitrate plus nitrite N by reduction to nitrite and colorimetry (Correll, Pierce and Faust, 1975).	044
Organic N (including NH <sub>3</sub> (µg N/liter)	Kjeldahl distillation and nesslerization after digestion with H <sub>2</sub> SO <sub>4</sub> .	045
Ammonia N (µg N/liter)	Oxidation to nitrite and colorimetry.	046
Nitrite + Nitrate N (µg N/liter)	Reduction to nitrite and colorimetry.	047
Nitrite N (µg N/liter)	Colorimetry (by reaction with a diazo dye).	048
Total P (µg P/liter)	Digestion with perchloric acid and colorimetry (ammonium molybdate and stannous chloride reduction.	049
Dissolved total P (µg P/liter)	Total P on millipore HA filtrate.	050
Inorganic P (µg P/liter)	Colorimetry on whole water with no digestion.	
Dissolved inorganic P (µg P/liter)	Colorimetry on millipore HA filtrate with no digestion.	
Total organic matter (g cal./liter)	Wet digestion with chromic acid and titration.	051
Cations (Ni, Cu, Zn, Pb, Cr, Cd, Mn, Fe, K, Ca, Mg)	500 ml sample plus 5 ml concentrate. HNO <sub>3</sub> concentrated to 10 ml by boiling. Assayed by atomic absorption with internal standards.	052
Total and fecal coliform bacteria (MPN/100 ml)	As described in Standard Methods (1971).	053

Table 6. (Continued)

Parameter and Units	Technique	Code
Total and fecal streptococci (#/100 ml)	As described in Standard Methods (1971) and by Millipore Corp. membrane filter technique.	054
Salmonella (#/100 ml)	As described in Standard Methods (1971) and confirmation including serotyping.	055
Total viable heterotrophs (#/ml)	Standard plate counts.	056
Salinity and conductivity (%/mmhos)	Normally determined with an induction type salinometer. Sometimes by titration of halogen ions.	057
Organic carbon (mg c/liter)	Combustion at 550° for 10' purification and weighing of released CO <sub>2</sub> .	058
Dissolved oxygen (mg/liter)	Clark-type oxygen electrode or by modified Winkler titration.	059
Chlorophyll a (µg/liter)	Fluorometric assay of 90% acetone extracts by three filter methods before and after acidification (Loftus and Carpenter, 1971).	
Adult and nauplii copepods, rotifers, polychaetes, other macrozooplankton, tintinnids, other microzooplankton	Identified and counted under the microscope with aid of a Sedwick-rafter cell. Fixed in field with Bouin's fixative.	061
Leaf litter parameters	Collected in 1 m <sup>2</sup> boxes, sorted to species, dried 24 hours at 60°, weighed and area measured with a CdS diode leaf area meter.	062

Table 6. (Continued)

Parameter and Units	Technique	Code
Small mammal populations	Animals are trapped with a grid of 100 Sherman live traps at each site, left permanently in place. Mammals are trapped for three nights per month at each site. Animals are identified, permanently marked for future recognition, weighed, sexed, and their reproductive condition noted. Minimal population densities are estimated from the ratio of trapped animals which previously have been captured and marked: number of unmarked animals.	063
Ant populations	Sweep sampling, litter sampling, baiting, soil coring and general collecting of ants; observation of behavior; monitoring of temperature and humidity in air and soil; mapping of colony location, cover objects, vegetation. Study sites to be marked with painted sections of conduits and small plastic surveyor's flags. Humidity sensors and thermistor probes to be implanted in soil on a long-term basis; possibility of multiplex data recorder to be operated at one or more sites on a long-term basis.	
Understory arthropods	Monthly sweep samples of understory arthropods; arthropods later sorted to species, measured, and assigned to trophic grouping. Foliage density measured seasonally.	065
Leaf litter arthropods	Sampling. Leaf litter is removed from within a 1/10 sq. meter sampling frame from each of 10 subsite sampling stations at each site (total of 1 sq. meter of leaf litter per site per month). The litter is collected in plastic bags. The subsite sampling stations for each of the three major sites are determined from a computer generated table of random numbers.	066

Table 6. (Continued)

Parameters and Units	<u>Technique</u>	Code
Leaf litter arthropods	The organisms are extracted from the leaf litter into alcohol through the use of Berlese funnels. Leaf litter from each subsample site is placed into one funnel (a total of 10 funnels for each of the three sites). Incandescent light bulbs (40 - 60 watts) are used for drying the leaf litter. The alcohol jars containing the arthropods are removed from the funnels at the end of a three week period.	066
	The arthropods are sorted and studied under a stereo dissecting microscope. This part of the project is done at Anne Arundel Community College.	
Lawn project	A combination of lawn clipping collection, sweep sampling, soil coring, and vacuum sampling are used. Invertebrates sorted by species.	067
Squirrel populations	Intensive live trapping at each site was conducted following prebaiting unset traps for a week. Trapped animals were ear tagged and tail clipped for field siting. (Flyger, 1959).	068

## References for Technique Codes

- Correll, D. L.; Pierce, J. W.; and Faust, M. A. (1975). A quantitative study of the nutrient sediment, and coliform bacterial constituents of water runoff from the Rhode River watershed. In: Non-Point Sources of Water Pollution, Proc. Southeastern Regional Conf., Blacksburg, Va. Publ. by Virginia Water Resources Research Center.
- Flyger, V. F. (1959). A comparison of methods for estimating squirrel populations. J. Wildlife Management 23: 220-223.
- Loftus, M. E. and Carpenter, J. H. (1971). A fluorometric method for determining chlorophylls a, b, and c. J. Marine Res. 29: 319-338.
- Standard Methods for the Examination of Water and Waste Water, 13th Ed. (1971). American Public Health Assoc., New York.

Table 7. Parameters measured in Estuarine Work.

XX.XX
Format:
210
Category:

Salinity (ppt)

File	RHO	RHO	RHO	RHO	2
Funding	900	900	900	900	900
Investigator code	002 & 018	002 & 018	002 & 018	002 & 018	002 & 018
Technique code	057	057	057	057	057
Sample type	GRB	GRB	GRB	GRB	GRB
Time frequency	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.
Time span	Jan Dec.				
Station	C5	90	22	83	60

Table 7. (Continued)

Format: XX.XX Category: 210 Salinity (ppt)

as I								
File	RHO	RHO	\$	RHO	RHO	RHO	RHO	RHO
Funding code	900	002	900	900	500	900	900	. 500
Investigator code	002 & 018	002 & 018	002 & 018	002 & 018	002 & 018	002 & 018	002 & 018	002 & 018
Technique code	057	. 057	057	057		057	057	057
Sample type	GRB	GRB	GRB	GRB	GRB	GRB.	GRB	GRB
Time frequency	Twice a week	Once a week	Once every two weeks from Jan July; twice a week from Aug Dec.	Once a week	Once every two weeks from Jan July; twice a week from Aug Dec.	Once a week	Once every two weeks from Jan July; twice a week from Aug Dec.	Once every two weeks from Jan July; twice a week from
Time span	Aug Dec.	Aug Dec.	Jan Dec.	Aug Dec.	Jan Dec.	Aug Dec.	Jan Dec.	Jan Dec.
Station name	RR4C	RR4B	RR4A	RR3B	RR3A	RR2B	RR2A	WR1A

Table 7. (Continued)

Format: XX.XX Category: 210 Salinity (ppt)

	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding	File
Aug Dec.		Once a week	GRB	057	002 & 018	002	RHO
Jan Dec.	.:	Once every two weeks from Jan July; twice a week from Aug Dec.	GRB	057	002 & 018	900	RHO
Jan Dec.	.:	Once every two weeks from Jan July; twice a week from Aug Dec.	GRB	250	002 & 018	900	RHO
Jan Dec.		Once every two weeks from Jan July; once every week from Aug Dec.	GRB	057	002 & 018	002	RHO
Aug Dec.	i.	Once a week	GRB	057	002 & 018	900	RHO
Jan Dec.	*	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	057	002 & 018	900	ВНО
Aug Dec.	ပံ	Once a week	GRB	057	002 & 018	900	RHO

Table 7. (Continued)

Category: 210 Format: XX.XX

Salinity (ppt)

Station name	Time span	an	Time frequency	Sample type	Technique code	Investigator code	Funding	Fi e
BNA	Aug Dec.	Dec.	Once a week	GRB	057	002 & 018	002	2
BNB	Aug Dec.	Dec.	Once a week	GRB	057	002 & 018	900	RHO
BNC	Jan	Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	057	002 & 018	002	RHO
	Aug Dec.	Dec.	Once a week	GRB	057	002 & 018	900	Z O
WMB	Jan Dec.	Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	057	002 & 018	900	RHO
	Aug Dec.	Dec.	Once a week	GRB	057	002 & 018	002	Z P

Table 7. (Continued)

× ×	
Format	
70	(ppt)
Category:	Salinity

tation mamee	Q o preo fermo	Span	Time frequency		Sample type	Technique code	Investigator code	Funding code	E 0
SR10	ج د د		Once every two weeks	weeks	GRB	057	002 & 018	S O	300
SRO	5	2 5	Once every two	%eeks	8	057	002 & 018	0000	3
SRS	٠ و و	S S	Once every two	weeks S	38	057	002 & 018	005	200
SR7	е С	- July	Once every two	weeks	GRB	057	002 & 018	8	200
SR6	- - - -	N N	Once every two	weeks	GRB	057	002 & 018	S 0 0	200
SRS	5	5	Once every two	Se oo x	GRB	057	002 & 018	000	200
SR4	\$ \$\pi\$	No.	Once every two	weeks	GRB	057	002 & 018	S 0	2000
SR3	, ,	2 3	Once every two	weeks	GRB	057	002 & 018	S S S	3
SR2	5	Y Laboratory	Once every two	weeks	GRB	057	002 & 018	000	200
~ ~	, 6	2 2 2	Once every two	weeks	GRB	057	002 & 018	900	200
SRO	5	2 2 2	Once every two	weeks	GRB B	057	002 & 018	000	200
ည္က	50	July -	Once every two	weeks	848	. 027	002 & 018	900	Sou

Table 7. (Continued)

Category: 211 Format: XX.XX

Conductivity (mmhos)

File	RHO	A O E	RHO	RHO	RHO	RHO	RHO	RHO
Funding	900	8	900	002	900	900	900	500
Investigator code	002 & 018	002 & 018	002 & 018	002 & 018	002 & 018	002 & 018	002 & 018	002 & 018
Technique code	057	057	057	057	057	057	057	057
Sample type	GRB	GRB	GRB	88	GRB	GRB	GRB	GRB
Time frequency	Twice a week	Once a week	Once every two weeks from Jan July; twice a week from Aug Dec.	Once a week	Once every two weeks from Jan July; . twice a week from Aug Dec.	Once a week	Once every two weeks from Jan July; twice a week from Aug Dec.	Once every two weeks from Jan July; twice a week from Aug Dec.
Time span	Aug Dec.	Aug Dec.	Jan Dec.	Aug Dec.	Jan Dec.	Aug Dec.	Jan Dec.	Jan Dec.
Station name	RR4C	RR4B	RR4A	RR3B	RR3A	RR2B	RR2A	WR1A

Table 7. (Continued)

Category: 211 Format: XX.XX

Conductivity (mmhos)

	2	SH CHARLES	OH OH	2	RHO OH	2	£ Q	2
Funding	005	000	002	S	900	900	902	0002
Investigator	002 & 018	002 & 018	002 & 018	002 & 018	002 & 018	002 & 018	002 & 018	002 & 018
Technique code	027	057	057	02	057	022	057	057
Sample type	GRB	GRB	GRB	88	GRB	a B	GRB	88
Time frequency	Once a week	Once every two weeks from Jan July; twice a week from Aug Dec.	Once every two weeks from Jan July; twice a week from Aug Dec.	Once a week	Once every two weeks from Jan July; once every week from Aug Dec.	Once a week	Once a week	Once a week
Time span	Aug Dec.	Jan. – Dec.	Jan Dec.	Aug Dec.	Jan Dec.	Aug Dec.	Aug Dec.	Aug Dec.
Station	<u>m</u> ~ 3	S E E	8	50	<b>8</b>	3	Z.G	82

Table 7. (Continued)

Category: 211 Format: XX.XX

Conductivity (mmhos)

2 2	92	9	<b>E</b>	9
Fund code ing	002	905	9002	\$
Investigator	002 & 018	002 & 018	002 & 018	002 & 018
Technique	057	027	057	000
Sample	GRB	8	<b>a</b>	8
Time frequency	Once every two weeks from Jan July: once every week from Aug Dec.	Once a week	Once every two weeks from Jan July; once every week from Aug Dec.	Once a week
Time span	Jan. – Dec.	Aug	e e	Aug Dec.
Station	BNC		S.	Q

Table 7. (Continued)

Conductivity (mmhos)

Station	Time span	Time Frequency	Sample type	Technique code	Investigator code	Funding	File
SRIO	Jan July	Once every two weeks	GRB	057	002 & 018	002	200
SR9	Jan July	Once every two weeks	GRB	057	002 & 018	900	Sou
SR8	Jan July	Once every two weeks	GRB	057	002 & 018	900	Sou
SR7	Jan July	Once every two weeks	GRB	057	002 & 018	900	Sou
SR6	Jan July	Once every two weeks	GRB	057	002 & 018	900	200
SR5	Jan July	Once every two weeks	GRB	057	002 & 018	900	Sou
SR4	Jan July	Once every two weeks	GRB	057	002 & 018	900	SOU
SR3	Jan July	Once every two weeks	GRB	057	002 & 018	900	200
SR2	Jan July	Once every two weeks	GRB	057	002 & 018	900	SOU
SR1	Jan July	Once every two weeks	GRB	057	002 & 018	900	SOU
SRO	Jan July	Once every two weeks	GRB	057	002 & 018	900	SOU
ВС	Jan July	Once every two weeks	GRB	057	002 & 018	900	SOU

Table 7. (Continued)

Format: XX.XX Category: 212 Temperature (°C)

29	2	2	2		X O
Funding	900	0000		002	. 900
Investigator	000	005	005	005	005
Technique	035	03	032	035	032
Sample type	88.	GRB	GRB	GRB	2885 2885
Time	Once every two weeks from Jan July; twice a week from Aug Dec.	Once every two weeks from Jan July; twice a week from Aug Dec.	Once every two weeks from Jan July; twice a week from Aug Dec.	Once every two weeks from Jan July; twice a week from Aug Dec.	Once every two weeks from Jan Dec. twice a week from Aug Dec.
Time span	Jan Dec.				
Station name	ಲ	90	<i>C</i> 2	83	63

Table 7. (Continued)

Category: 212 Format: XX.XX

Temperature (° C)

e C	_		0		0			
File	RHO	RHO	SH OH	RHO	RHO	RHO	8	2
Funding code	005	900	900	900	9005	900	9005	005
igato Je	018	018	018	018	018	018	018	018
Investigator code	002 & 018	002 & 018	002 & 018	002 & 018	002 & 018	002 & 018	002 & 018	002 & 018
Technique code	035	035	035	035	035	035	035	035
Tec	0	0	0	0	0		0 .	0
0] e	~	m	m	<b>m</b>	m	~	m	m
Sample type	GRB	GRB	GRB	GRB	GRB	GRB	GRB	GRB
Time frequency	Twice a week	Once a week	Once every two weeks from Jan July; twice a week from Aug Dec.	Once a week	Once every two weeks from Jan July; twice a week from Aug Dec.	Once a week	Once every two weeks from Jan July; twice a week from Aug Dec.	Once every two weeks from Jan July; twice a week from Aug Dec.
an	Dec.	Dec.	Dec.	Dec.	Dec.	Dec.	Dec.	Dec.
Time span	Aug Dec.	1	Jan Dec.	Aug Dec.	1	1	Jan	Jan
freces 6 tame	A	Aug.	e P	A	Jan.	Aug.	ر ا	Ja
Station	RR4C	RR4B	RR4A	RR3B	RR3A	RR2B	RR2A	WR1A

Table 7. (Continued)

Category: 212 Format: XX.XX

Temperature (° C)

Station	Time span	Time frequency	Sample	Technique code	Investigator code	Fund ing code	E G
WR1B	Aug Dec.	Once a week	GRB	035	002 & 018	900	RHO
WRJ C	Jan Dec.	Once every two weeks from Jan July; twice a week from Aug Dec.	GRB	035	002 & 018	900	RHO
WRO	Jan Dec.	Once every two weeks from Jan July; twice a week from Aug Dec.	GRB		002 & 018	500	RHO O
SEL	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	035	002 & 018	900	RHO
ССА	Aug Dec.	Once a week	GRB	035	002 & 018	900	RH0
g cc g	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	035	002 & 018	900	RHO
ວວວ	Aug Dec.	Once a week	GRB	035	002 & 018	005	2

Table 7. (Continued)

Category: 212 Format: XX.XX

Temperature (0 C)

Station name	Time span	Time frequency	Sample type	Technique code	Investigator	Funding code	File
BNA	Aug Dec.	Once a week	GRB	035	002 & 018	900	RHO
BNB	Aug Dec.	Once a week	GRB	035	002 & 018	900	RHO
BNC	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	035	002 & 018	,	ВНО
WMA	Aug Dec.	Once a week	GRB	035	002 & 018	900	8
MMB	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	035	002 & 018	002	RHO
MW C	Aug Dec.	Once a week	GRB	035	002 & 018	002	RHO

Table 7. (Continued)

Category: 212 Format: XX.XX

Temperature (° C)

a. I												
File	Sou	Sou	200	Sou	200	200	200	Sou	200	200	Sou	SOU
Funding	900	902	900	900	900	900	002	900	900	900	900	900
Investigator code	002 & 018	002 & 018	002 & 018	002 & 018	002 & 018	002 & 018	002 & 018	002 & 018	002 & 018	002 & 018	002 & 018	002 & 018
Technique	035	035	035	035	035	035	035	035	035	035	035	035
Sample	· GRB	GRB	GRB	GRB	GRB	GRB	GRB	GRB	GRB	GRB	GRB	GRB
Time frequency	Once every two weeks											
Time span	Jan July											
Station	SR10	SR9	SR8	SR7	SR6	SR5	SR4	SR3	SR2	SR1	SRO	ВС

Table 7. (Continued)

Category: 213 Format: XX.X

			1				
Station	Time span	Time frequency	Sample	Technique	Investigator	Funding Code	를 리
C2	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	036	005	000	2
9)	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GR B	036	005	0002	84 94
7.2	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	036	00	9	SE S
83	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	036	005	00 00	2
60	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	036	005	900	2

Table 7. (Continued)

Category: 213 Format: XX.X

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Station	Time span	Time	Sample	Technique code	Investigator code	Funding code	File
RR4B	Aug Dec.	Once a week	GRB	036	002	900	RHO
RR4A	Jan July	Once every two weeks	GRB B	036	005	902	SHO 1
RR3B	Aug Dec.	Once a week	GRB	980	005	900	RHO
RR3A	Jan July	Once every two weeks	GRB	980	005	900	RHO
RR2B	Aug Dec.	Once a week	GRB	036	005	900	RHO
RR2A	Jan July	Once every two weeks	GRB	036	005	900	RHO
WRIB	Aug Dec.	Once a week	GRB	036	005	900	RHO
WRIA	Jan July	Once every two weeks	GRB	920	005	900	RHO
WRIC	Jan July	Once every two weeks	GRB	980	005	900	RHO
WRO	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	036	005	900	RHO
WRO (bottom)	Jan Dec.	Once every week from from Jan July; once every week from Aug Dec.	GRB	036	005	900	RHO

Table 7. (Continued)

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Category: 213 Format: XX.X

T.

Le Co	RHO	RHO	RHO	RHO	2
Funding	002	002	900	0002	000
Investigator code	000	005	005	002	000
Technique code	036	036	036	036	036
Sample type	Jacob Jacob Jacob Garbo	Process (second) suspen suches	jumos jumosj vojen vojen	Jacos Jacos copen colon	GRB
Time frequency	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July;
Time span	Jan Dec.	Jan Dec.	Jan Dec.	Jan Dec.	Jan Dec.
Station name	RR4T	RR3T	RR27	Econo Faces	링

Table 7. (Continued)

Category: 213 Format: XX.X

E.

Fije	RHO	RHO	RHO	RHO	RHO	2	RHO
Funding code	002	900	002	900	900	900	900
Investigator code	000	005	005	005	005	005	005
Technique code	036	. 036	036	036	036	036	980
Sample type	GRB	   	GRB	GRB	TI	GRB	TIH.
Time frequency	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once a week	Once every two weeks	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.
Time span	Jan Dec.	Jan Dec.	Aug Dec.	Jan July	Jan Dec.	Jan Dec.	Jan Dec.
Station	800	Тээ	BNB	BNC	BNT	MMB	MM

Table 7. (Continued)

Category: 213 Format: XX.X

E

Station name	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding	File
SRIO	Jan July	Once every two weeks	GRB	036	002	900	Sou
SR9	Jan July	Once every two weeks	GRB	036	005	900	Sou
SR8	Jan July	Once every two weeks	GRB	920	005	900	SOU
SR7	Jan July	Once every two weeks	GRB	036	005	80	SOU
SR6	Jan July	Once every two weeks	GRB	036	005	900	SOU
SR5	Jan July	Once every two weeks	GRB	036	005	900	SOU
SR4	Jan July	Once every two weeks	GRB	980.	005	002	Sou
SR3	Jan July	Once every two weeks	GRB	036	002	002	SOU
SR2	Jan July	Once every two weeks	GRB	036	005	900	SOU
SRI	Jan July	Once every two weeks	GRB	036	002	900	SOU
BC	Jan July	Once every two weeks	389	036	005	002	Sou

Table 7. (Continued)

Category: 213 Format: XX.X

To.

tation	Time span	Time	Society	Sample	Technique code	Investigator code	Funding code	
5	Jan July	Once every t	two weeks	Germano Seasons cameno cameno	036	005	9	. 3
283	Jan July	Once every t	two weeks	funcia funcial corpus modesc	920	005	9	3
8	Jan.	Once every t	two weeks	junes augus augus augus	920	005	8	200
	Jan July	Once every t	two weeks	francis organis organis	036	005	8	3
2864	Jan July	Once every t	two weeks	James Jestina)	980	005	8	30
rogen S	Jan.	Once every t	two weeks	feeron feeron conpen confeen	980	005	9	205
SR4T	Jan July	Once every t	two weeks	fermon fermon capture cactors	036	005	002	200
SR3-	Jan July	Once every t	two weeks	fewore percent copies colors	036	005	5	200
SRZT	Jan July	Once every t	two weeks	Sections deposits encloses encloses	980	005	8	3
<b>-</b>	dan.	Once every t	two weeks	gazzeno gazzeno dagene dagene	936	005	8	3
58	, es	Once every 1	two weeks	Business (work) (work)	039	005	8	ŝ.

Table 7. (Continued)

Category: 220 Format: XXX

Turbidity (Jackson units)

File	RHO	Z O	RHO O	RHO	RHO
Funding code	900	900	900		900
Investigator	005	005	005	005	005
Technique code	038	038	038	038	038
Sample type	GRB	GRB	GRB	GRB	GRB
Time · frequency	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.
Time span	Jan Dec.				
Station	<b>C</b> 2	93	<i>C7</i>	83	60

Table 7. (Continued)

. Category: 220 Format: XXX

Turbidity (Jackson units)

File	SE C	RHO	RHO	RH0	RIO	N 0	RHO
Funding code	900	900	900	900	900	900	900
Investigator code	005	005	005	005	000	005	005
Technique code	038	038	038	038	038	038	. 038
Sample type	GRB	GRB	GRB	GRB	GRB	GRB	GRB
Time frequency	Once a week	Once every two weeks from Jan July; once every week from Aug Dec.	Once a week	Once every two weeks from Jan July; once every week from Aug Dec.	Once a week	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.
Time span	Aug Dec.	Jan Dec.	Aug Dec.	Jan Dec.	Aug Dec.	Jan Dec.	Jan Dec.
Station	RR4B	RR4A	RR3B	RR3A	RR2B	RRZA	N S

Table 7. (Continued)

Category: 220 Format: XXX Turbidity (Jackson units)

File	RHO	RHO ,	RHO	RHO .	RHO
	CC	~	≃.	~	<b>~</b>
Funding	900	002	002	900	900
Investigator code	005	005	005	000	000
Technique code	038	038	038	038	038
Sample	GRB	GRB	GRB	GRB .	j-m j-met -met -met
Time frequency	Once a week	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.
Time span	Aug Dec.	Jan Dec.	Jan Dec.	Jan Dec.	Jan Dec.
Station	<u> </u>	WR1A	WRO	WRO (bottom)	RR4T

Table 7. (Continued)

Category: 220 Format: XXX

Turbidity (Jackson units)

File	КНО	КНО	RHO.	RHO	RHO
Funding	900	900	002	900	900
Investigator Funding code code	005	005	005	005	005
Technique	038	038	038	038	038
Sample	H	누	Jeans Jeonal cospos costas	GRB	GRB
Time frequency	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.
Time span	Jan Dec.				
Station name	RR3T	RRZT	WRIT	SEL	CCB 822

Table 7. (Continued)

Category: 220 Format: XXX Turbidity (Jackson units)

File	RHO	RHO		RHO	RHO	RHO
Funding code	002	900			900	900
Investigator code	005	200		005	002	002
Technique code	038	038		038	038	038
Sample type	jeure Jeure Salas	GRB	GRB	H H	GRB	HIT
Time frequency	Once every two weeks from Jan July; once every week from Aug Dec.	Once a week	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.
Time span	Jan Dec.	Aug Dec.	Jan Dec.	Jan Dec.	Jan Dec.	Jan Dec.
Station name	. 100	BNB	BNC	BNT	MMB	

Table 7. (Continued)

Category: 220 Format: XXX

Turbidity (Jackson units)

Funding File code ID	005 · 500	005 \$00	005 500	005 \$00	005 S0U	005 200	005 S0U	005 S0U	005 SOU	
Investigator code	002	005	002	002	002	002	002	002	002	c c c
Technique code	038	038	038	038	038	038	038	038	038	
Sample type	GRB	388								
Time frequency	Once every two weeks									
Time span	Jan July									
Station	SR10	SR9	SR8	SR7	SR6	SR5	SR4	SR3	SR2	

Table 7. (Continued)

Category: 220 Format: XXX

Turbidity (Jackson units)

Time span	Time frequency	Sample type	Technique code	Investigator	Funding	File
Jan July Once every	ry two weeks		038	005	002	200
Jan July Once every	y two weeks		038	005	900	SOU
Jan July Once every	two weeks	H	038	005	900	SOU
Jan July Once every	two weeks	Jacob Jacob Orbos Orbos	038	002	005	Sou
- July Once every	two weeks	H	038	005	900	200
- July Once every t	two weeks	H	038	005	900	SOU
Jan July Once every t	two weeks	manus  ma  ma  ma  ma  ma  ma  ma  ma  ma  ma	038	005	002	200
July Once every 1	two weeks	- 	038	005	900	SOU
July Once every	two weeks	James Jessed Garage Garage	038	005	900	200
July Once every	two weeks	jestica jestica empire emisse	038	005	002	Sou
July Once every	two weeks	<b>—</b>	038	005	900	Sou

Table 7. (Continued)

Category: 221 Format: XXXX Light attenuation  $(m^{-1})$ 

Station name	Time	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding	
RR4A	Jan.	Jan July	Once every two weeks	GRB	042	810	005	\$
RR3A	Jan.	Jan July	Once every two weeks	. GRB	042	018	005	REO
RR2A	Jan.	Jan July	once every two weeks	GRB	042	018	005	<u>x</u>
2	Jan	- July	Once every two weeks	GRB	042	018	005	RHO
WRIA	dan.	Jan July	Once every two weeks	GRB	042	018	005	RHO
WRO	Jan	- July	Once every two weeks	GRB	045	810	005	RHO
SEL	Jan	- July	Once every two weeks	GRB	042	018	005	RIO
goo	Jan	- July	Once every two weeks	GRB	042	018	005	2
BNC	Jan.	Jan July	Once every two weeks	GRB	042	018	005	RHO
MMB	Jan.	Jan July	Once every two weeks	GRB	042	018	005	<u>R</u>

Table 7. (Continued)

Category: 221 Format: XXXX Light attenuation (m<sup>-1</sup>)

Station name	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding code	File
SR10	Jan July	Once every two weeks	GRB	042	018	900	nos
SR9	Jan July	Once every two weeks	GRB	042	810	900	Sou
SR8	Jan July	Once every two weeks	GRB	042	018	900	SOU
SR7	Jan July	Once every two weeks	GRB .	042	018	900	sou
SR6	Jan July	Once every two weeks	GRB	042	018	900	Sou
SR5	Jan July	Once every two weeks	GRB	042	018	900	Sou
SR4	Jan July	Once every two weeks	GRB	042	018	900	nos
SR3	Jan July	Once every two weeks	GRB	042	018	900	Sou
SR2	Jan July	Once every two weeks	GRB	042	018	900	Sou
SRI	Jan July	Once every two weeks	GRB	042	018	900	Sou
ВС	Jan July	Once every two weeks	GRB	042	018	9002	nos

Table 7. (Continued)

Nitrate + nitrite, ammonia + amino acid, Kjeldahl nitrogen, nitrite ( $\mu g/liter$ ) Format: X.XX EXX, X.XX EXX, X.XX EXX, X.XX EXX Category: 311

File	RHO	RHO	RHO	ВНО	RHO
Funding code	002	900	900	900	500
Investigator code	005	000	005	005	005
Technique	046,047,048	046,047,048	046,047,048	046,047,048	046,047,048
Sample	GRB	GRB	GRB	GRB	GRB
Time frequency	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.
Time span	Jan Dec.	Jan Dec.	Jan Dec.	Jan Dec.	Jan Dec.
Station	65	9)	<i>C</i> 3	83	60

Table 7. (Continued)

Nitrate + nitrite, ammonia + amino acid, Kjeldahl nitrogen, nitrite (μg/liter) Format: X.XX EXX, X.XX EXX, X.XX EXX, X.XX EXX Category: 311

Station	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding	File
RR4B	Aug Dec.	Once a week	GRB	046,047,048	005		RHO
RR4A	Jan July	Once every two weeks	GRB	046,047,048	005	900	3
RR3B	Aug Dec.	Once a week	GRB	046,047,048	005	000	Z S
RR3A	Jan July	Once every two weeks	GRB	046,047,048	005	900	RHO
RR2B	Aug Dec.	Once a week	GRB	046,047,048	005	900	\$ 2
RR2A	Jan July	Once every two weeks	GRB	046,047,048	005	900	RHO
WRIB	Aug Dec.	Once a week	GRB	046,047,048	005	900	RHO
WRTA	Jan July	Once every two weeks	GRB	046,047,048	005	900	RHO
WRIC	Jan July	Once every two weeks	GRB	046,047,048	005	900	RHO
WRO	Aug Dec.	Once a week	GRB	046,047,048	005	900	2
RR4T	Jan Dec.	Once every two weeks	E	046,047,048	005	. 900	RHO
		once every week from					

Table 7. (Continued)

Nitrate + nitrite, ammonia + amino acid, Kjeldahl nitrogen, nitrite (µg/liter) Format: X.XX EXX, X.XX EXX, X.XX EXX, X.XX EXX Category: 311

	Time span	Time frequency	Sample type	Technique code	Investigator	Funding code	File
<u></u>	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Н	046,047,048	005	002	SH O
	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	H	046,047,048	.002	900	RHO
Same	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	June June Special Specia Specia Specia Specia Specia Specia Specia Specia Spec	046,047,048	002	002	RHO
<u>=</u>	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	046,047,048	002	, 500	RHO
	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	046,047,048	005	500	RHO
<u> </u>	Aug Dec.	Once a week	GRB	046,047,048	005	900	RHO

Table 7. (Continued)

Nitrate + nitrite, ammonia + amino acid, Kjeldahl nitrogen, nitrite (μg/liter) Format: X.XX EXX, X.XX EXX, X.XX EXX, X.XX EXX Category: 311

				•	
File	2	RHO	КНО	ВНО	ВНО
Funding	900	900	900	900	900
Investigator code	005	000	005	005	.002
Technique code	046,047,048	046,047,048	046,047,048	046,047,048	046,047,048
Sample	GRB	GRB	HIT	Josep Innet enten union	James James Corpor Corpor Corpor Corpor
Time frequency	Once every two weeks	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.
Time span	Jan July	Jan Dec.	Jan Dec.	Jan Dec.	Jan Dec.
Station name	BNC	MMB	CCT	E S	TWM

Table 7. (Continued)

Nitrate + nitrite, ammonia + amino acid, Kjeldahl nitrogen, nitrite ( $\mu g/l$ iter) Format: X.XX EXX, X.XX EXX, X.XX EXX X.XX EXX Category: 311

Station name	Time	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding code	File
SR10	Jan.	Jan July	Once every two weeks	GRB	046,047,048	005	900	SOU
SR9	Jan.	Jan July	Once every two weeks	GRB	046,047,048	002	000	Sou
SR8	e e	- July	Once every two weeks	GRB	046,047,048	005	005	SOU
SR7	Jan	- July	Once every two weeks	GRB	046,047,048	005	900	sou
SR6	Jan.	- July	Once every two weeks	GRB	046,047,048	005	900	200
SR5	ë	ا ا	Once every two weeks	88	046,047,048	005	900	NOS
SR4	Jan.	- July	Once every two weeks	GRB	046,047,048	005	900	200
SR3	Jan.	- July	Once every two weeks	GRB	046,047,048	005	900	SOU
SR2	Jan.	- July	Once every two weeks	GRB	046,047,048	005	900	SOU
SR1	Jan.	- July	Once every two weeks	GRB	046,047,048	005	900	200
BC	Jan.	Jan July	Once every two weeks	GRB	046,047,048	005	900	200

Table 7. (Continued)

Nitrate + nitrite, ammonia + amino acid, Kjeldahl nitrogen, nitrite (µg/liter) Format: . X.XX EXX, X.XX EXX, X.XX EXX, X.XX EXX Category: 311

Time	Time span	Time frequency	Sample	Technique code	Investigator code	Funding	File
Jan July		Once every two weeks	jes jes	046,047,048	005	500	SOU
Jan July		Once every two weeks	juni juni	046,047,048	005	900	Sou
Jan July		Once every two weeks	January January magazy magazy	046,047,048	005	900	S0U .
Jan July	_	Once every two weeks	Jesse Jesse Grand Grand Grand	046,047,048	005	000	Sou
Jan July		Once every two weeks	HIT	046,047,048	005	900	Sou
Jan July		Once every two weeks	F	046,047,048	005	900	SOU
Jan July		Once every two weeks	Security October October October October	046,047,048	005	900	200
- July		Once every two weeks	ļas Jai	046,047,048	005	900	200
- July		Once every two weeks	H	046,047,048	005	900	Sou
- July	•	Once every two weeks		046,047,048	005	005	200
Jan July		Once every two weeks	HIT	046,047,048	002	900	Sou

Table 7. (Continued)

Category: 320 Format: X.XX EXX Total phosphorus (µg/liter)

Fig	RHO	RHO	RHO	RHO	RHO
Funding	900	900	900	900	900
Investigator code	005	002	005	005	005
Technique code	049	049	049	049	049
Sample type	GRB	GRB	GRB	GRB	GRB
Time frequency	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.
Time span	Jan Dec.				
Station		93	72	83	63

Table 7. (Continued)

Category: 320 Format: X.XX EXX

Total phosphorus (µg/liter)

tation	Time span	Time frequency	Sample	Technique code	Investigator code	Funding	
	Aug Dec.	Once a week	849	049	005	9	2
7	Jan July	Once every two weeks	283	670	005	8	C.
R38	Aug Dec.	Once a week	GRB	040	200	8	2
R23	Jan	Once every two weeks	989	040	005	8	9
RRZB	Aug Dec.	Once a week	are B	670	005	8	Z Q
RR2A	Jan July	Once every two weeks	SKB.	040	005	00	T C
<b>2</b>	Aug Dec.	Once a week	348	670	200	S S S	RHO
	Jan July	Once every two weeks	8	040	005	0000	2
C) pace Charles	Jan July	Once every two weeks Twice in July	GRB	040	005	002	<b>Q</b>
0	Aug Dec.	Once a week	95	640	700	000	9
RR4T	Jan Dec.	Once every two weeks from Jan July;	Emero Emero Company Company		005	002	2
		- Dec.					

Table 7. (Continued)

Category: 320 Format: X.XX EXX

Total phosphorus (µg/liter)

	RHO	RHO .	RHO	RHO	RHO
Funding	900	002	900	900	900
Investigator	005	005	005	005	005
Technique	049	049	049	049	049
Sample type	HIH	H	Junios Junios Angas Angas Angas	GRB	GRB
Time frequency	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.
Time span	Jan Dec.	Jan Dec.	Jan Dec.	Jan Dec.	Jan Dec.
Station	RR3T	RR2T	T T	SEL	8200 ·

Table 7. (Continued)

Category: 320 Format: X.XX EXX

Total phosphorus (µg/liter)

9 9	0	0	0	0	C	0
File	RHO	RHO	RHO	£ .	<u>8</u>	2
Funding code,	900	005	900	9002	900	900
Investigator code	005	005	005	005	005	005
Technique code	049	040		049	049	. 049
Sample type	GRB	GRB	GRB	LIH	H	    
Time frequency	Once a week	Once every two weeks	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July;
Time span	Aug Dec.	Jan July	Jan Dec.	Jan Dec.	Jan Dec.	Jan Dec.
Station name	BNB	BNC	MMB	100	FW ,	E N

Table 7. (Continued)

Category: 320 Format: X.XX EXX

Total phosphorus (µg/liter)

File	RHO	RHO	RHO	RHO	RHO	Z	RHO	RHO	RHO	E C	RHO
Funding code	900	900	900	900	900	900	900	900	900	900	900
Investigator code	005	005	005	005	005	005	005	005	005	005	005
Technique code	049	049	049	049	049	040	049	049	049	049	049
Sample type	GRB	GRB	388	GRB	GRB	GRB	939	GRB	GRB	GRB	GRB
Time frequency	Once every two weeks										
Time span	Jan July										
Station	SR10	SR9	SRB	SR7	SR6	SR5	SR4	SR3	SR2	SRI	BC

Table 7. (Continued)

Category: 320 Format: X.XX EXX

Total phosphorus (µg/liter)

File	200	Sou	SOU	200	SOU	200	200	Sou	200	SOU	SOU
Funding code	900	900	900	500	900	900	900	900	900	900	900
Investigator code	005	005	005	005	005	000	005	005	005	005	005
Technique code	040	049	049	049	049	049	049	049	049	049	049
Sample type	pastal pastal super cution		juma juma supra sukan		H	=	E	James James James James James James	H	H	jama jamaj angan
Time frequency	Once every two weeks	Once every two weeks	Once every two weeks	Once every two weeks	Once every two weeks	Once every two weeks	Once every two weeks	Once every two weeks	Once every two weeks	Once every two weeks	Once every two weeks
Time span	Jan July	Jan July	Jan July	Jan July	Jan July	Jan July	Jan July	Jan July	Jan July	Jan July	Jan July
Station name	SR10T	SR9T	SR8T	SR7T	SR6T	SR5T	SR4T	SR3T	SR2T	SRIT	58

Table 7. (Continued)

Format: X.XX EXX, X.XX EXX, X.XX EXX Category: 321

Dissolved inorganic phosphorus, dissolved total phosphorus, inorganic phosphorus (µg/liter)

Table 7. (Continued)

Dissolved inorganic phosphorus, dissolved total phosphorus, inorganic phosphorus (µg/liter) Format: X.XX EXX, X.XX EXX, X.XX EXX Category: 321

Station	Time span	Time	Sample	Technique code	Investigator code	Funding	File
RR4B	Aug Dec.	Once a week	GRB	050	005	900	RHO PHO
RR4A	Jan July	Once every two weeks	GRB	050	005	900	RHO
RR3B	Aug Dec.	Once a week	GRB	050	005	900	RHO
RR3A	Jan July	Once every two weeks	888	050	005	900	RHO
RR2B	Aug Dec.	Once a week	GRB	050	005	900	RHO
RR2A	Jan July	Once every two weeks	GRB	050	005	900	RHO
8	Aug Dec.	Once a week	GRB	050	005	900	RHO
Z & &	Jan July	Once every two weeks	GRB	050	005	002	RHO
WR1C	Jan July	Once every two weeks Twice in July	GRB	050	002	9002	RHO
MRO	Aug Dec.	Once a week	GRB	050	005	005	RHO
RR4T	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	HIT	050	002	900	RHO

Table 7. (Continued)

Category: 321 Format: X. XX EXX, X. XX EXX, X. XX EXX

Dissolved inorganic phosphorus, dissolved total phosphorus, inorganic phosphorus (µg/liter)

File	RHO	RHO	RHO	RHO	ВНО	2
Funding	900	900	900	900	900	9002
Investigator code	005	005	005	005	005	005
Technique code	050	020	050	050	050	050
Sample	HIT	Н	Joseph Jenned ongos octors	GRB	GRB	GRB
Time frequency	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once a week
Time span	Jan Dec.	Jan Dec.	Jan Dec.	Jan Dec.	Jan Dec.	Aug Dec.
Station	RR3T	RR2T		SEL	CCB	BNB

Table 7. (Continued)

Format: X.XX EXX, X.XX EXX, X.XX EXX Category: 321

Dissolved inorganic phosphorus, dissolved total phosphorus, inorganic phosphorus (µg/liter)

or Funding File code ID	005 RHO	005 RHO	. 005 RH0	005 RHO	005 RHO
Investigator code	005	000	000	000	005
Technique code	050	020	050	050	050
Sample	GRB	GRB	H	Ħ	HIT
Time frequency	Once every two weeks	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July;
Time span	Jan July	Jan Dec.	Jan Dec.	Jan Dec.	Jan Dec.
Station	BNC	WMB	CCT	TN8	T W

Table 7. (Continued)

Dissolved inorganic phosphorus, dissolved total phosphorus, inorganic phosphorus ( $\mu/l$ iter) Format: X.XX EXX, X.XX EXX, X.XX EXX Category: 321

Station name	Time span	5	Time frequency	Sample type	Technique code	Investigator code	Funding	File
SR10	Jan July	July	Once every two weeks	GRB	050	005	900	SOU
SR9	Jan July	July	Once every two weeks	GRB	050	005	900	SOU
SR8	Jan July	July	Once every two weeks	GRB	050	005	000	Sou
SR7	Jan July	July	Once every two weeks	GRB	050	005	900	SOU
SR6	Jan July	July	Once every two weeks	GRB	050	000	900	SOU
SR5	Jan	- July	Once every two weeks	GRB	020	005	002	nos
SR4	Jan	- July	Once every two weeks	GRB	050	200	900	Sou
SR3	Jan	- July	Once every two weeks	GRB	050	200	900	SOU
SR2	Jan July	July	Once every two weeks	GRB	050	000	. 500	Sou
SR1	Jan	- July	Once every two weeks	GRB	050	005	900	Sou
ВС	Jan July	July	Once every two weeks	GRB	050	002	900	NOS

Table 7. (Continued)

Dissolved inorganic phosphorus, dissolved total phosphorus, inorganic phosphorus (µg/liter) Format: X.XX EXX, X.XX EXX, X.XX EXX Category: 321

harr	Time span	Time	Sample	Technique	Investigator	Funding	2 4
Jan - July		Once every two weeks	frances frances contracts	050	005	000	300
dan -		Once every two weeks	frames frames Copies continu	020	005	000	3
		Once every two weeks	factors fectors contras contras	020	005	002	206
ZE - ZE		Once every two weeks	factors factors surjects continues	020	005	900	205
		Once every two weeks	forms Janus Copus Contro	9	005	900	3
Jan - July		Once every two weeks	frame frame anyon anyon	020	005	002	. 705
Sec.		Once every two weeks	guanco juanno czyco ostan	020	005	900	200
Jan July		Once every two weeks	frames frames copes colores	9	005	900	3
Jan.		Once every two weeks	function formal surpass seriessa	20	200	902	200
Jan.	96-	Once every two weeks	formers fearent saryons carbons	89	. 200	002	200
Jan July	0000	Once every two weeks	Beauty Beauty wegate andron	9	005	002	38

Table 7. (Continued)

Category: 330 Format: X.XX EXX

Organic carbon - combustion (mg/liter)

<u> </u>		9	2	RHO	
Funding code	900	002	002	900	9002
Investigator	005	00%	000	005	005
Technique code	88	028	058	058	. 058
Sample type	88	GRB GRB	SRB	<b>a</b>	GRB
Time	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.
Time span	Jan Dec.	Jan Dec.	Jan Dec.	Jan Dec.	Jan Dec.
Station name	S	93	22	89	60

Table 7. (Continued)

Category: 330 Format: X.XX EXX

Organic carbon - combustion (mg/liter)

File	RHO	RHO	RHO	RHO	RH0	RHO	RHO	EH2	RHO	RHO .	RHO
	~	~	~	~	œ	8	œ.	<u>a</u>	~	8	~
Funding	002	900	900	900	005	900	900	002	900	002	900
Investigator code	200	200	002	002	005	002	002	200	005	005	002
Inve											
Technique code											
Techni	058	058	058	058	058	058	058	058	058	058	: 058
ole e											
Sample type	GRB	GRB	GRB	GRB	GRB	GRB	GRB	GRB	GRB	GRB	
		eeks	•	eeks		eeks		eeks	Once every two weeks Twice in July		eeks ; from
Time frequency	~	two weeks	~	two weeks	~	two weeks		two weeks	two w		two weeks - July; week from
Time	Once a week	Once every	every in Ju	Once a week	every Jan.						
	Once	Once	0nce	Once	0nce	0nce	Once	Omce	Once Twice	0nce	Once every from Jan. once every
u	Jec.	July	Jec.	July	Jec.	July	Dec.	اسار			Dec.
Time span	Aug Dec.	Jan July	Aug Dec.	Jan July	Aug Dec.	Jan ,	Aug Dec.	Jan July	Jan July	Aug Dec.	Jan Dec.
;== 	Aug	Jan	Aug	, e	Aug	Jar	Aug	g C	Jar	Aug	Jar
ion	œ	A	<b>a</b>	A	<b>2</b>	A	<b>a</b>	•	U		<del>-</del>
Station	RR4B	RR4A	RR3B	RR3A	RR2B	RR2A	WR1B	WRJA	E C	WRO	RR4T

Table 7. (Continued)

Category: 330 Format: X.XX EXX

Organic carbon - combustion (mg/liter)

2 0	25	RHO	e e e e e e e e e e e e e e e e e e e	RHO	RHO	
	900	500	000	000	000	902
Investigator code	8	005	005	005	005	005
Technique code	028	950 81	058	058	0.28	0.58
Sample	ĝencos Parsod colesa	Beneau Securid conpac- column	Enemo Herseld crosses contens	678 87	G B B	8
Time frequency	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once a week
Time span	Jan. – Dec.	dan.	Jan Dec.	Jan Dec.	Jan Dec.	Aug Dec.
Station	er En	4 7 7		SEL	8000 8000	8

Table 7. (Continued)

Category: 330 Format: X.XX EXX

Organic carbon - combustion (mg/liter)

File	RHO	RHO	ВНО	ВНО	RHO
Funding	900	900	900	900	900
Investigator code	002	005	005	005	000
Technique	058	058	. 058	058	058
Sample	GRB	GRB	H	H	HI
Time frequency	Once every two weeks	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.
Time span	Jan July	Jan Dec.	Jan Dec.	Jan Dec.	Jan Dec.
Station	BNC	a Z	T222	EN .	TWM

Table 7. (Continued)

Category: 330 Format: X.XX EXX Organic carbon - combustion (mg/liter)

Station name	Time span	span	Time frequency	Sample type	Technique code	Investigator code	Funding code	File
SR10	Jan.	Jan July	Once every two weeks	GRB	058	005	900	Sou
SR9	Jan.	- July	Once every two weeks	GRB	058	002	900	SOU
SR8	Jan.	- July	Once every two weeks	GRB	058	002	900	Sou
SR7	Jan.	- July	Once every two weeks	GRB	058	005	900	SOU
SR6	Jan	- July	Once every two weeks	GRB	058	005	900	Sou
SR5	Jan	Jan July	Once every two weeks	GRB	058	200	900	200
SR4	Jan.	Jan July	Once every two weeks	GRB	058	005	900	200
SR3	Jan.	Jan July	Once every two weeks	GRB	058	005	900	200
SR2	Jan	Jan July	Once every two weeks	GRB	058	005	900	200
SR1	Jan.	Jan July	Once every two weeks	GRB	058	005	900	NOS
ВС	Jan.	Jan July	Once every two weeks	GRB	058	005	, 500	SOU

Table 7. (Continued)

Category: 330 Format: X.XX EXX Organic carbon - combustion (mg/liter)

Station		S C C	frequency	Sample	Technique Code	Investigator	Fund Soding	Q) opens pend lclus
V		200	- CAUCILLY			3502		2
SEG	5	Jan July	Once every two weeks	process process company company company	0000	005	002	3
S S S S S S S S S S S S S S S S S S S	e e	Jan July	Once every two weeks	formers bearing departs access	058	005	8	300
SR87	Ē	Ž E	Once every two weeks		058	005	8	205
Z S	Ē	2 3	Once every two weeks	function (see function of the second of the	0.58	28	922	205
5	e e e		Once every two weeks	former jennel contact	023	005	002	3
S S S S S S S S S S S S S S S S S S S	e e	2	Once every two weeks	Security sections of the sections of the sections of the sections of the section	028	005	605	Sou
E E	e e	2 5	Once every two weeks	graces parties control	0.53	005	002	300
5	ر د د د د	200	Once every two weeks	Processo Secretal Contras Confesso	058	005	8	3
SR2T	Ē	y Lucy	Once every two weeks	geometric de la constante de l	058	005	902	3
	5	Jul -	Once every two weeks	James James American	. 058	005	002	3
뭅		2	Once every two weeks	Francis Grand Gran	02 02 03	005	50	300

Table 7. (Continued)

Category: 340 Format: XX.XX

Dissolved oxygen (mg/liter)

File	RHO	RHO	RHO	S S	RHO	RHO	RHO	RHO	RHO	RHO
Funding code	900	005	900	900	900	500	500	900	900	900
Investigator code	.002	005	005	000	005	018	018	018	018	018
Technique code	020	059	059	020	059	020	059	059	059	690
Sample type	GRB	GRB	GRB	gyg Byg	GRB	SRB	GRB	GRB	GRB	GRB
/ Time frequency	Once a week	Twice a week	Once a week	Once every two weeks from Jan July; twice a week from Aug Dec.	Once a week	Once every two weeks from Jan July; twice a week from Aug Dec.				
Time span	Aug Dec.	Aug Dec.	Jan Dec.	Aug Dec.	Jan Dec.					
Station	53	90	67	C8	63	RR4C	RR4B	RR4A	RR3B	RR3A

Table 7. (Continued)

Category: 340 Format: XX.XX

Dissolved oxygen (mg/liter)

Station name	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding code	File
RR2B	Aug Dec.	Once a week	GRB	059	018		RHO
RR2A	Jan Dec.	Once every two weeks from Jan July; twice a week from Aug Dec.	. GRB	059	018	900	RHO
WR1A	Jan Dec.	Once every two weeks from Jan July; twice a week from Aug Dec.	GRB	059	018	9002	RHO
WR1B	Aug Dec.	Once a week	GRB	059	018	900	RHO
WR1C	Jan Dec.	Once every two weeks from Jan July; twice a week from Aug Dec.	GRB	059	018	900	RHO
WRO	Jan Dec.	Once every two weeks from Jan July; twice a week from Aug Dec.	GRB		018	900	RHO
SEL	Aug Dec.	Once a week	GRB	059	005	500	RHO

Table 7. (Continued)

Category: 340 Format: XX.XX

Dissolved oxygen (mg/liter)

2 -	2	<u>a</u>	£	2	2	SHOOT NAME OF THE OF TH	<b>9</b>	9	SH OH
Funding	9	900	9	8	800	900	8	900	0002
Investigator	8	8	8	8	8	<b>o</b>	8	<b>∞</b>	018
Technique	0.59	650	059	050	059	029	٥ ٢ ٢	059	0 0 0
Sample	a a	GRB B	GRB	GRB	88	GRB	22	GRB	GRB
Time frequency	Once a week	Once every two weeks from Jan July; once every week from Aug Dec.	Once a week	Once a week	Once a week	Once every two weeks from Jan July; once every week from Aug Dec.	Once a week	Once every two weeks from Jan July; once every week from Aug Dec.	Once a week
Time span	Aug Dec.	Jan Dec.	Aug Dec.	Aug.	Aug Dec.	Jan Dec.	Aug Dec.	Jan Dec.	Aug Dec.
Station	- 33	900 900	222	S	BNB	D B		2	Q S

Table 7. (Continued)

Category: 340 Format: XX.XX

Dissolved oxygen (mg/liter)

200	Time span	ES	Sample	Technique code	Investigator	Funding	20
Jan July		Once every two weeks	ä	<u>5</u>	0	3	3
Jan July 0	0	Once every two weeks	<b>4</b>	020	8	000	200
	0	Once every two weeks	e E	000	8	S	300
الم مراتان	S	Once every two weeks	8	059	8	8	300
- July Once	5	e every two weeks	8	020	œ	8	Sog
- July Once	o o o o o o o o o o o o o o o o o o o	every two weeks	중	020	8	8	Ŝ
- July Once	o o o o	every two weeks	<b>\$</b>	550	8	8	3
- July Once	Ouce	every two weeks	8	020	0	5	200
- July Once	Ö	e every two weeks	889	059	80	S 50	3
- July Once	Ouc	e every two weeks	ag	059	018	\$000	300
Jan July Onc	Omc	Once every two weeks	8	000	8	900	200

Table 7. (Continued)

Category: 410 Format: X.XX EXX Chlorophyll a (µg/liter)

<u>=</u> =	2		<b>Q</b>	2	2		2	2	2	9	2	2	SHO PHO
Funding	8	8	8	8	922	800	8	ş	8	8	8	002	8
Investigator code	80	8	8	8	© ©	<b>8</b>	8	0	8	8	8	8	80
Technique	090	9	9	99	99	90	9	9	090	090	990 .	9	99
Sample	GRB 8	g BB	<b>6</b>	8	888	88	8	8	Bestood general cogens casters	Beneral Beneral Maries andres	fercises fessional curposi curioso	fundament personal continues	Beneficial Beneficial Geographic Challents
Time frequency	Once every two weeks	Once every two weeks	Once every two weeks	Once every two weeks	Once every two weeks	Once every two weeks	Once every two weeks	Once every two weeks	Once every two weeks				
Time span	Jan - Jel	Jan July	2	Jan July	2	2 2 2	Jan July	Jan July	Jan July	Jan.	A TO THE TOTAL T	Jan July	Jan July
Station	4	E E E	R22 A22	<b>S</b>	Ca) perce Cala maga	3	2		RR4	5	RRZ	James Paras Carlos Carlos	CCT

Table 7. (Continued)

Category: 410 Format: X.XX EXX

Chlorophyll a (µg/liter)

T C	2	2
Funding	992	S
Investigator	8	<u> </u>
Technique	090	090
Sample type	feature feature feature metato	James James Grand
Time	Once every two weeks	Once every two weeks
Time span	Jan July	Jan July (
Station	hace See	Section Sectio

Table 7. (Continued)

Category: 410 Format: X.XX EXX Chlorophyll a (µg/liter)

Station name	Time span	span	Time frequency	Sample type	Technique code	Investigator code	Funding code	File
SR10	Jan.	Jan July	Once every two weeks	GRB	090	018	002	S
SR9	Jan	- July	Once every two weeks	GRB	090	018	900	200
SR8	Jan.	- July	Once every two weeks	GRB	090	018	900	200
SR7	Jan.	- July	Once every two weeks	GRB	090	018	900	200
SR6	Jan.	ا كاتا	Once every two weeks	GRB	090	018	900	200
SR5	Jan.	- July	Once every two weeks	GRB	090	018	000	206
SR4	Jan.	- July	Once every two weeks	GRB	090	810	900	SOU
SR3	Jan.	- July	Once every two weeks	GRB	090	018	900	200
SR2	Jan.	- July	Once every two weeks	GRB	090	018	900	SOU
SR1	Jan	- July	Once every two weeks	GRB	090	018	900	200
BC	Jan.	Jan July	Once every two weeks	GRB	090	018	900	200

Table 7. (Continued)

Category: 410 Format: X.XX EXX Chlorophyll a (µg/liter)

	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding code	File
ल	Jan July	Once every two weeks	Jacob Jacob Garan Garan	090	018	000	Sou
a	Jan July	Once every two weeks	H	090	018	900	200
TO TO	Jan July	Once every two weeks	Jennes Jennes aspen artens	090	810	900	200
G	Jan July	Once every two weeks	H	090	018	900	NOS
10	Jan July	Once every two weeks	January Garanj Garang Garang	090	800	900	SOU
10	Jan July	Once every two weeks	<b>-</b>	090	018	000	SOU
10	Jan July	Once every two weeks	Secretary descriptions described	090	810	900	Sou
.0	Jan July	Once every two weeks	jeses jeses min	090	018	900	SOU
(Q	Jan July	Once every two weeks	gent-sen gent-sen conprac contrass	090	810	9002	nos
10	Jan July	Once every two weeks	H	090	018	900	200
CHC)**	Jan July	Once every two weeks	juriselj estas estas	090	810	900	200

Table 7. (Continued)

Category: 510 Format: X.XX EXX, X.XX EXX Adult copepod, nauplii  $(\#/m^3)$ 

Station name	Time span	spa	u		Time	me	>	Sample type	Technique code	Investigator code	Funding	File
RRAT	Jan July	1	2	Once	Once every	•	two weeks	H	190	020	900	8E
RR3T	Jan July	٦	u Jy	Once	Once every	two	weeks	jancan jancanj enquer eniono	190	020	900	RE C
RR2T	Jan July	ا	ul y	0nce	Once every	two	weeks	F	190	020	900	25
Proceedings of the second	Jan July	1	2	0nce	Once every	two	weeks	H	190	020	900	RHO
CCT	Jan July	٦ -	uly	Once	Once every	two	weeks	juntere jenoral conjunt contest	190	020	900	RHO
least the second	Jan July	1	uJy	Once	Once every	two	weeks	H	190	020	002	REG
BNT	Jan July	٦ .	u]y	Once	Once every	two	weeks	James James Marin Marin	190	020	900	RHO

Table 7. (Continued)

Category: 510 Format: X.XX EXX, X.XX EXX Adult copepod, nauplii (#/m³)

Station name	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding code	File
SR10T	Jan July	Once every two weeks	Jacob Jacob Green Green	190	020	005	SOU
SR9T	Jan July	Once every two weeks	—	190	020	002	200
SR8T	Jan July	Once every two weeks	H	190	020	900	205
SR7T	Jan July	Once every two weeks	H	190	. 020	900	200
SR6T	Jan July	Once every two weeks		190	020	900	Sou
SR5T	Jan July	Once every two weeks	 	190	020	900	Sou
SR4T	Jan July	Once every two weeks		190	020	900	nos
SR3T	Jan July	Once every two weeks	James James Colons Colons	190	020	900	nos
SR2T	Jan July	Once every two weeks	passe passed market market	190	020	900	şon
SRIT	Jan July	Once every two weeks	-	190	020	900	Sou
BCT	Jan July	Once every two weeks	-acus  -accel  -accel	190	020	002	sou

Table 7. (Continued)

Category: 511 Format: X.XX EXX

Rotifers  $(\#/m^3)$ 

Station	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding	File
RR4T	Jan July	Once every two weeks	H	190	020	900	RHO
RR3T	Jan July	Once every two weeks	ļ— l—i	190	020	900	SE C
RR2T	Jan July	Once every two weeks	F	190	020	900	RHO
WRIT	Jan July	Once every two weeks	copers orders praint	190	020	900	RHO
CCT	Jan July	Once every two weeks	H	190	020	000	SE
7	Jan July	Once every two weeks	juma jumaj region erden	190	020	002	SE C
BNT	Jan July	Once every two weeks	James James Cartes Cartes	190	020	002	SE C

Table 7. (Continued)

Format: X.XX EXX Category: 511 Rotifers (#/m<sup>3</sup>)

Station name	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding code	File
SRIOT	Jan July	Once every two weeks	jetorai Biocaj capati caluto	190	020	900	Sou
SR9T	Jan July	Once every two weeks	HIT	190	020	900	SOU
SR8T	Jan July	Once every two weeks	Securios Securios Securios Securios	190	020	900	200
SR7T	Jan July	Once every two weeks	HIT	190	020	900	SOU
SRGT	Jan July	Once every two weeks	protess prompt enques walking	190	020	900	SOU
SR5T	Jan July	Once every two weeks	HIT	190	020	900	200
SR4T	Jan July	Once every two weeks	maxio  maxio  maxio  maxio  maxio	. 061	020	900	SOU
SR3T	Jan July	Once every two weeks	H	190	020	900	SOU
SR2T	Jan July	Once every two weeks	January Contras Contras	190	020	900	Sou
SRIT	Jan July	Once every two weeks		190	020	900	Sou
BCT	Jan July	Once every two weeks	H	190	020	900	Sou

Table 7. (Continued)

Category: 512 Format: X.XX EXX

Polychaetes (#/m³)

tation name	Time	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding code	File	
RR4T	Jan.	Jan July	Once every two weeks	F	190	020	900	RHO	
RR3T	Jan.	Jan July	Once every two weeks	James	190	020	900	RHO	
RR2T	Jan.	Jan July	Once every two weeks	James James James James James	190	020	900	<u>R</u>	
WRIT	Jan.	Jan July	Once every two weeks	James James Capes Capes	190	020	900	RHO	
ССТ	Jan.	Jan July	Once every two weeks	James de la constante de la co	190	020	900	RHO	
	Jan.	Jan July	Once every two weeks	features (seption) (seption)	190	020	900	\$	
BN	Jan.	Jan July	Once every two weeks		190	020	900	SHO 0	

Table 7. (Continued)

Category: 512 Format: X.XX EXX Polychaetes (#/m³)

Station name	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding	File
SRIOT	Jan July	Once every two weeks	James James Styles Styles	190	020	900	Sou
SR9T	Jan July	Once every two weeks	James Jennes copies copies	190	020	900	SOU
SR8T	Jan July	Once every two weeks	juma juma organ organ	190	020	900	200
SR7T	Jan July	Once every two weeks	James James James James	190	020	900	200
SR6T	Jan July	Once every two weeks	James James corpus corpus corpus	190	020	000	200
SR5T	Jan July	Once every two weeks	James James onges auton	190	020	900	200
SR4T	Jan July	Once every two weeks	James James super suries	190	020	900	Sou
SR3T	Jan July	Once every two weeks	James James James James James	190	020	900	200
SR2T	Jan July	Once every two weeks	James James Sapas Sabas	190	020	900	nos
SRIT	Jan July	Once every two weeks	F	190	020	900	SOU
ВСТ	Jan July	Once every two weeks	Jesse	190	020	900	SOU

Table 7. (Continued)

Category: 519 Format: X.XX EXX

Other zooplankton (#/m3)

Station name	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding code	File
RR4T	June - July	Once every two weeks	<b> -</b>   -	190	020	900	RHO
RR3T	June - July	Once every two weeks	F	190	020	900	RHO
RR2T	June - July	Once every two weeks	Section Sections	190	020	002	<u>S</u>
WRIT	June - July	Once every two weeks	ļ	190	020	900	RHO
CCT	June - July	Once every two weeks	and	190	020	900	RHO
Process Proces	June - July	Once every two weeks	Jacobs Jacobs Stores Stores	190	020	9002	E .
BNT	June - July	Once every two weeks	<b> </b>	190	020	900	RHO

Table 7. (Continued)

Category: 519 Format: X.XX EXX Other zooplankton (#/m³)

Station name	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding	File
SRIOT	April - July	April - July Once every two weeks		190	020	900	Sou
SR9T	April - July	Once every two weeks	F	190	020	900	Sou
SR8T	April - July	Once every two weeks	Jacob Jacob Septe	190	020	000	200
SR7T	April - July	Once every two weeks	 	190	020	000	Sou
SR6T	April - July	Once every two weeks	F	190	020	900	200
SR5T	April - July	Once every two weeks	Janeso Janeso Janeso Janeso Janeso Janeso	190	020	900	200
SR4T	April - July	Once every two weeks	<b> </b>	190	020	000	Sou
SR3T	April - July	Once every two weeks	Jerose Jerosej capan makon	190	020	900	200
SR2T	April - July	Once every two weeks	January January Grapon Grapon	190	020	900	Sou
SRIT	April - July Once every	Once every two weeks	forms least	190	020	900	Sou
ВСТ	April - July Once every	Once every two weeks	Jacobs Joseph Marian Marian	190	020	900	Sou

Table 7. (Continued)

Category: 521 Format: X.XX EXX

Tintinnids  $(\#/m^3)$ 

tation		Span	Time	Sample type	Technique	Investigator	Funding code	O CO	
F	Jan.	Jan July	Once e	Benerios Sentros magano contenso	50	050	900	2	
E & &	Jan.	Jan July	Once every two weeks	gancino gancos caspino contano	9	020	002	2	
RR24	da E	Jan Jely	Once every two weeks	Frances Justicely companies conductors	9	050	992	5	
faces general	Ç	an - cen	Once every two weeks	Processor Processor Activates Activates	8	020	905	2	
5	ë ë	Jan - Jan	Once every two weeks	gament gameng carpus washasu	8	020	9	2	
James Constitution of the	Š	Sin	Once every two weeks	general general capital cauture	9	070	0000	2	
	Jan.	Jan - Je	Once every two weeks	ĝesense ĝesens gespato armosa	S	050	8	2	

Table 7. (Continued)

Category: 521 Format: X.XX EXX

Tintinnids  $(\#/m^3)$ 

Station	Time span	Time frequency	Sample type	Technique code	Investigator	Funding code	File
SRIOT	Jan July	Once every two weeks	F	190	020	002	Sou
SR9T	Jan July	Once every two weeks	F	190	020	900	200
SR8T	Jan July	Once every two weeks	HIT	190	020	900	SOU
SR7T	Jan July	Once every two weeks	H	190	020	900	200
SR6T	Jan July	Once every two weeks	H	190	020	900	Sou
SR5T	Jan July	Once every two weeks	H	190	020	.005	Sou
SR4T	Jan July	Once every two weeks	jest Jest	190	020	002	sou
5	Jan July	Once every two weeks	les T	<b>5</b> 0.	020	900	Sou
SR2T	Jan July	Once every two weeks	F	. 190	020	902	Sou
SRIT	Jan July	Once every two weeks	=	190	020	900	Sou
BCT	Jan July	Once every two weeks	HIT	190	020	900	SOU

Table 7. (Continued)

Category: 529 Format: X.XX EXX Other microzooplankton  $(\#/m^3)$ 

Station	Time span	Time frequency	Sample	Tech code	Investigator	Funding	0 0
Z.		Once every two weeks	Basican Basican Gang Sa Ganhasy	9	050	002	2
E &	Jan dely	Once every two weeks	general general sistems contents	8	050	0005	S.
RR21	da	Once every two weeks	Security (section) and care an	9	2	000	2
forms process forms and	dan.	Once every two weeks	generate generated encode encode	190	050	500	2
5	Jan July	Once every two weeks	Protection Protection Protection Constants Constants Constants	9	070	500	£
Faces and the second of the se	dan.	Once every two weeks	garana perang angen andan	190	050	90	2
	Jan July	Jan July .Once every two weeks	enders enders personal generation	9	020	002	

Table 7. (Continued)

Category: 529 Format: X.XX EXX Other microzooplankton (#/m³)

			1			:	1	
tation name	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding code	File	
SRIOT	Jan July	Once every two weeks	HIT	190	020	900	200	
SR9T	Jan July	Once every two weeks	jenova jenovi ovjena ovjena	190	020	900	nos	
SR8T	Jan July	Once every two weeks	jame jame	190	020	900	SOU	
SR7T	Jan July	Once every two weeks	Junters Juneral Gaspens Gallerin	190	020	002	200	
SR6T	Jan July	Once every two weeks	France January carpus carbos	190	020	900	200	
SR5T	Jan July	Once every two weeks	F	190	020	900	SOU	
SR4T	Jan July	Once every two weeks	jaceno jaceno majoren makata	190	020	900	Sou	
SR3T	Jan July	Once every two weeks	H	190	020	900	Sou	
SR2T	Jan July	Once every two weeks	H	190	020	900	Sou	
SRIT	Jan July	Once every two weeks	Jenoca Jenoca capas cantras	190	020	900	200	
BCT	Jan July	Once every two weeks	<b>—</b>	190	020	900	SOU	

Table 7. (Continued)

Category: 710 Format: X.XX EXX, X.XX EXX

Total coliform and fecal coliform (#/100 ml)

Total coliform

			,				
Station name	Time span	Time frequency	Sample code	Technique code	Investigator code	Funding	File
63	Aug Sept.	. Once a week	GRB	053	900	900	RHO
83	Aug Sept.	. Once a week	GRB	053	900	902	RHO
22	Aug Sept.	. Once a week	GRB	053	900	900	RHO
90	Aug Sept.	. Once a week	GRB	053	900	002	5
CS	Aug Sept.	. Once a week	GRB	053	900	900	2
RR4A	Jan July Aug Sept.	Once every two weeks .	GRB & SED GRB	053 053	900	005	RHO
RR4C	Jan July Aug Sept.	Once every two weeks Once a week	GRB & SED GRB	053 053	900	005	RH0 RH0
RR3A	Jan July Aug Sept.	Once every two weeks Once a week	GRB & SED GRB	053 053	900	005 005	RHO
RR2A	Jan July Aug Sept.	Once every two weeks Once a week	GRB & SED GRB	053	900	005	RHO
WRIA	Jan July	Once every two weeks	GRB & SED	053	900	002	2

Table 7. (Continued)

Category: 710 Format: X.XX EXX, X.XX EXX

Total coliform and fecal coliform (#/100 ml)

Total coliform	orm.						
Station name	Time span	Time frequency	Sample code	Technique code	Investigator code	Funding code	File
WRO	Aug Sept. Once a week	Once a week	GRB	053	900	900	RHO
goo	Aug Sept. Once a week	Once a week	GRB	053	900	900	RHO
BNB	Aug Sept.	Once a week	GRB	053	900	900	RHO
<b>M</b>	Aug Sept. Once a week	Once a week	GRB	053	900	900	RHO

Table 7. (Continued)

Category: 710 Format: X.XX EXX, X.XX EXX

Total coliform and fecal coliform (#/100 ml)

Fecal coliform

Station name	Time span	Time frequency	Samp1e code	Technique code	Investigator	Funding	0 
S	Aug Dec.	Once a week	8	053	900	900	E C
8	Aug Dec.	Once a week	8	023	99	500	2
5	Aug Dec.	Once a week	œ C	60	900	500	2
93	Aug Dec.	Once a week	2	S	900	8	
ಏ	Aug Dec.	Once a week	<b>\$</b>	89	99	500	9
R24	Aug Dec.	Once a week	© C	E 0	900	\$000	Ç
RR4C	Aug Dec.	Once a week	<b>a</b> <b>E</b>	S	900	600	2
RR3A	Aug Dec.	Once a week	g	053	900	002	<b>Q</b>
RRZA	Aug Dec.	Once a week	<b>a</b>	83	900	000	2
0%	Sept Dec.	Once a week	<b>a</b>	S	90	10 0	
833	Aug Dec.	Once a week	쯢	0.53	900	500	9
BNB	Aug Dec.	Once a week	ë	S	900	500	S. S
WMB	Aug Dec.	Once a week	GRB	053	900	002	9

Table 7. (Continued)

Category: 710 Format: X.XX EXX, X.XX EXX

Total coliform and fecal coliform (#/100 ml)

Station name	Time span	Time frequency	Sample code	Technique code	Investigator code	Funding	File
SR10	Jan July	Once every two weeks	GRB & SED	053	900	900	Sou
SR8	Jan July	Once every two weeks	GRB & SED	053	900	900	SOU
SR6	Jan July	Once every two weeks	GRB & SED	053	900	900	SOU
SR4	Jan July	Once every two weeks	GRB & SED	053	900	900	SOU
SR2	Jan July	Once every two weeks	GRB & SED	053	900	900	Sou
BC	Jan July	Once every two weeks	GRB & SED	053	900	900	Sou

Table 7. (Continued)

Category: 712 Format: X.XX EXX Fecal streptococci (#/100 ml)

Funding File code ID	005 RHO	005 RHO	005 REO	005 RHO	005 RHO	005 RHO	005 RHO	RE 0005	3				
Investigator Fu code c	900	900	900	900	900	900	900	900	900	900	900	900	9
Technique I	450	430	925	430	054	5	450	450	25	\$	<b>4</b> 50	054	Z.
Sample	G	88	ä	8	8	æ		88	æ	988	CRB CRB	GR.	a
Time	Once a week												
Time span	30 Sept Dec.	20 Cont											
Station name	63	82	5	99	S	RRAC	RAA A	E E	RZA	923	89	· m	

Table 7. (Continued)

Total viable heterotrophs (#/ml), 7 days; and total viable heterotrophs (#/ml), 48 hours Format: X.XX EXX Category: 714

Station name	Time span	Time frequency	Sample code	Technique code	Investigator code	Funding	File
RR4C	Aug Dec.	Once a week	GRB	056	900	002	E G
RR4A	Aug Dec.	Once a week	GRB	950	900	900	RHO
RR3A	Aug Dec.	Once a week	GRB	990	900	900	RHO
RR2A	Aug Dec.	Once a week	88	020	900	005	8 8
WRIA	Jan July	Once every two weeks	GRB & SED	950	900	900	RHO
WRO	Aug Dec.	Once a week	GRB	950	900	900	RHO
воо	Aug Dec.	Once a week	GRB GRB	950	900	002	RHO
BNB	Aug Dec.	Once a week	GRB	950	900	900	RHO
WMB	Aug Dec.	Once a week	GRB	950	900	900	RHO

Table 7. (Continued)

Category: 714 Format: X.XX EXX

Total viable heterotrophs (#/ml), 7 days; and total viable heterotrophs (#/ml), 48 hours

Station	Time span	Time frequency	Sample code	Technique code	Investigator code	Funding	- C
SR10	Jan July	Once every two weeks	GRB	950	900	900	Sou
SR8	Jan July	Once every two weeks	GRB	950	900	900	nos
SR6	Jan July	Once every two weeks	GRB	950	900	900	200
SR4	Jan July	Once every two weeks	GRB	950	900	900	200
SR2	Jan July	Once every two weeks	GRB	950	900	900	Sou
BC	Feb July	Once every two weeks	GRB	950	900	900	SOU
22	Feb July	Once every two weeks	GRB	950	900	900	Sou

Table 8. Parameters Measured on Subwatershed Runoff Waters.

Category: 130 Format: X.XX EXX

Flow rate (liters/sec.)

Station name	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding code
Sellman North	Jan Dec.	Once a week	GRB	031	005	. 500
Sellman South	Jan Dec.	Once a week	889	031	002	900
North Branch	Jan Dec.	Once a week	GRB	031	005	900
Blue Jay	Jan Dec.	Once a week	GRB	031	002	900
Williamson	Jan Dec.	Once a week	GRB	031	005	• 900
Fox Creek	Jan Dec.	Once a week	GRB	031	002	900
Steinlein	Jan Dec.	Once a week	GRB	031	002	900

Table 8. (Continued)

Category: 131 Format: X.XX EXX

Total flow (liter)

Station name	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding
Sellman North	Jan Dec.	Once a week	FLX	033	005	900
Sellman South	Jan Dec.	Once a week	FEX	033	005	900
North Branch	Jan Dec.	Once a week	FLX	033	005	900
Blue Jay	Jan Dec.	Once a week	Z	033	005	900
Williamson	Jan Dec.	Once a week	FLX	033	005	900
Fox Creek	Jan Dec.	Once a week	FLX	033	005	002
Steinlein	Jan Dec.	Once a week	FLX	033	002	900

Table 8. (Continued)

Category: 212 Format: XX.XX

Temperature (O Centigrade)

Station name	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding
Sellman North	Jan Dec.	Once a week	GRB	034	200	002
Sellman South	Jan Dec.	Once a week	GRB	034	002	900
North Branch	Jan Dec.	Once a week	GRB	034	200	900
Blue Jay	Jan Dec.	Once a week	GRB	034	200	900
Williamson	Jan Dec.	Once a week	GRB	034	002	900
Fox Creek	Jan Dec.	Once a week	GRB	034	005	. 500
Steinlein	Jan Dec.	Once a week	GRB	034	200	900
C4	Jan Dec.	Once a week	9 8 8	034	002	900
Spring	Jan Dec.	Once a week	GRB	034	002	900

Table 8. (Continued)

	r Funding code	900	900	900	900	900	900	900	900	900	!
	Investigator code	005	200	005	200	005	005	005	005	005	
	Technique code	036	036	036	036	036	036	036	036	036	
	Sample type	GRB									
×	Time frequency	Every two weeks									
Format: XX.X	Time span	Jan Dec.	Apr Dec.	Jan Dec.							
Category: 213	Station name	Sellman North	Sellman South	North Branch	Blue Jay	Williamson	Fox Creek	Steinlein	Main Branch	C4	

Table 8. (Continued)

Category: 220 Format: XXX
Turbidity (Jackson units)

Station name	Time span	Time frequency	Sample type	Technique In code	Investigator code	Funding code
Sellman North	March - Dec.	Once a week	GRB & FLX	038	005	900
Sellman South	March - Dec.	Once a week	GRB & FLX	038	005	900
North Branch	March - Dec.	Once a week	GRB & FLX	038	200	900
Blue Jay	March - Dec.	Once a week	GRB & FLX	038	005	900
Williamson	March - Dec.	Once a week	GRB & FLX	038	005	900
Fox Creek	March - Dec.	Once a week	GRB & FLX	038	005	900
Steinlein	March - Dec.	Once a week	GRB & FLX	038	005	900
Main Branch	April - Dec.	Once a week	GRB & FLX	038	005	900
Spring	March - Dec.	Once a week	GRB & FLX	038	002	900

Table 8. (Continued)

Category: 250 Format: XXXX.X, XXXX.X

Total and mineral suspended particulates (mg/liter)

Station name	Time Span	Time frequency	Sample	Technique code	Investigator	Funding
Sellman North	Jan Dec.	Once a week	SRB & FLX*	043	m 0	000
Sellman South	Jan Dec.	Once a week	×	043	m G	200
North Branch	o de	Once a week	×	£ 0	m 5	5000
Blue Jay	Jan Dec.	Once a week	& E	643	м Б	2000
A CONTRACTOR OF	Jan.	Once a week	×	2	<u>m</u>	99
Fox Creek	Jan Dec.	Once a week	ž	643	m 5	002
Steinlein	Jan Dec.	Once a week	×	043	m Ō	002
3	Jam Dec.	Once a week	8	<u>ج</u> و	2	900

\* Usually FLX, GRB when flow is low.

Table 8. (Continued)

Category: 310 Format: X.XX EXX

N total (ug/liter)

Station name	Time span	Time frequency	Sample type	Technique II code	Investigator code	Funding
Sellman North	Jan Dec.	Once a week	¥	044	002	002
Sellman South	Jan Dec.	Once a week	FLX	044	200	900
North Branch	Jan Dec.	Once a week	FLX	044	200	900
Blue Jay	Jan Dec.	Once a week	FLX	044	005	900
Williamson	Jan Dec.	Once a week	H <sub>×</sub>	044	005	900
Fox Creek	Jan Dec.	Once a week	FLX	044	000	900
Steinlein	Jan Dec.	Once a week	FLX	044	200	900
Main Branch	Apr Dec.	Once a week	×	044	200	900
C4	Jan Dec.	Infrequently	GRB	044	005	900
Spring	Feb Dec.	Infrequently	GRB	044	002	900

Table 8. (Continued)

Nitrite + nitrate, ammonia, nitrite + amino acid, total Kjeldahl nitrogen, nitrite nitrogen (µg/liter) Format: X.XX EXX, X.XX EXX, X.XX EXX, X.XX EXX Category: 311

Station	2 0 0 E	Time of the contract of the co	Sample	Technique	Investigator	Funding
	THE STATE		COAG	2020	2000	Conc
Sellman North	Jan Dec.	Every two weeks*	GRB	044 - 048	005	000
Sellman South	Jan Dec.	Every two weeks	a a	044 - 048	002	00
North Branch	Jan Dec.	Every two weeks *	GRB	044 - 048	200	000
Blue Jay	dan.	Every two weeks	GRB B	044 - 048	000	8
	Jan Dec.	Every two weeks	<b>8</b>	044 - 048	005	0000
Fox Creek	Jan Dec.	Every two weeks	and	044 - 048	200	000
Steinlein	Jan Dec.	Every two weeks	GRB	044 - 048	005	8
Main Branch	Apri	Every two weeks	849	044 - 048	005	000
3	Jan Dec.	Every two weeks	989 88	044 - 048	. 005	50
Spring	Jan Dec.	Every two weeks	85	044 - 048	002	8

\* Nitrite Oct. - Dec.

Table 8. (Continued)

Format: X.XX EXX Category: 320

P total (ug/liter)

Funding	005	005	005	900	005	900	900	900	2	95
	ŏ	<b>8</b>	ŏ	3	3	8	8	8	002	000
Investigator code	005	005	005	005	000	000	005	005	005	005
Technique code	6	6	6	6	<u></u>	6	ō	6	6	6
Tech	049	049	049	049	049	049	049	. 049	049	049
Sample type	FLX	GRB GRB	GRB							
Time frequency	Once a week Every two weeks	Infrequently Every two weeks	Infrequently Every two weeks							
Time span	Jan Dec.	Apr Dec.	Feb Apr. Jan Dec.	Feb July Jan Dec.						
Station name	Sellman North	Sellman South	North Branch	Blue Jay	Williamson	Fox Creek	Steinlein	Main Branch	C4	Spring

Table 8. (Continued)

Dissolved inorganic phosphorus, dissolved total phosphorus, inorganic phosphorus (ug/liter) Format: X.XX EXX, X.XX EXX, X.XX EXX Category: 321

Station	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding
Sellman North	Jan Dec.	Every two weeks	GRB	050	000	900
Sellman South	Jan Dec.	Every two weeks	GRB	050	005	900
North Branch	Jan Dec.	Every two weeks	88	050	005	900
Blue Jay	Jan Dec.	Every two weeks	GRB	020	005	900
Williamson	Jan Dec.	Every two weeks	GRB	090	002	900
Fox Creek	Jan Dec.	Every two weeks	GRB	020	005	900
Steinlein	Jan Dec.	Every two weeks	GRB	050	002	900
Main Branch	Apr Dec.	Every two weeks	GRB	050	005	900
64	Jan Dec.	Every two weeks	GRB	050	005	900
Spring	Jan Dec.	Every two weeks	GRB	050	002	900

Table 8. (Continued)

Category: 331 Format: X.XX EXX

Total organic matter (g cal/liter)

Station name	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding code
Sellman North	Jan Dec.	Every two weeks	GRB	051	002	900
Sellman South	Jan Dec.	Every two weeks	GRB	C C	005	000
North Branch	Jan Dec.	Every two weeks	GRB	051	005	900
Blue Jay	Jan Dec.	Every two weeks	GRB	051	005	900
Williamson	Jan Dec.	Every two weeks	GRB	051	005	900
Main Branch	Apr Dec.	Every two weeks	GRB	051	200	
C4	Jan Dec.	Every two weeks	GRB	051	005	900
Spring	Jan Dec.	Every two weeks	GRB	051	005	000

Table 8. (Continued)

Category: 380 381 382 383 384 387 389 389 390	Format	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	Nickel (ug/liter) Copper (ug/liter) Zinc (ug/liter) Lead (ug/liter) Chromium (ug/liter) Cadmium (ug/liter) Manganese (ug/liter) Iron (ug/liter) Potassium (ug/liter) Calcium (ug/liter) Magnesium (ug/liter)			
Station name	Time span	Time frequency	Sample Lype	Technique code	Investigator	Funding
Sellman North	Jan Dec.	Once a week	Z L	052	026	902
Sellman South	Jan Dec.	Once a week	X	052	026	8
North Branch	Jan Dec.	Once a week	× = 1	052	026	8
Blue Jay	Jam Dec.	Once a week	×	052	026	992
Will amson	Jan Dec.	Once a week	FLX	052	026	9
Fox Creek	Jan Dec.	Once a week	X	052	026	9
Steinlein	Jan Dec.	Once a week	FLX	052	026	902
C4	Jan Dec.	Once a week	ages and a second	052	026	9
Spring	Jan - Dec	Infrequently	GRB	925	020	002

Table 8. (Continued)

Category: 710 Format: X.XX EXX, X.XX EXX
Total coliform and fecal coliform (#/100 ml)

<pre>fotal coliform and fecal coliform (#/100 ml)</pre>	
coliform	
and fecal	
coliform a	Total coliform
Total	Total

Station name	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding code
Sellman North	Jan Nov.	Once a week	GRB	053	900	900
Sellman South	Jan Nov.	Once a week	GRB	053	900	900
North Branch	Jan Nov.	Once a week	GRB	053	900	900
Blue Jay	Jan Nov.	Once a week	GRB	053	900	900
Williamson	Jan Nov.	Once a week	GRB	053	900	000
Fox Creek	Jan Nov.	Once a week	GRB	053	900	900
Steinlein	Jan Nov.	Once a week	GRB	053	900	900
Main Branch	Apr Nov.	Once a week	GRB	053	900	900
Spring	Jan Dec.	Once a week	GRB	053	900	900

Table 8. (Continued)

Category: 710 (Continued)

Fecal coliform

Station name	Time span	Time frequency	Sample	Technique code	Investogator code	Funding
Seam	Jan Dec.	Once a week	Ë	053	900	9
Sellman South	Jan Dec.	Once a week	8	053	900	8
North Branch	Jan Dec.	Once a week	<b>3</b>	82	900	8
Blue Jay	dan Dec.	Once a week	82	5	900	8
23 20 20 20 20 20 20 20 20 20 20 20 20 20	Jan Dec.	Once a week	2	023	900	8
Fox Creek	Jan Dec.	Once a week	8	053	900	9
Steinlein	Jan Dec.	Once a week	38	က ရ	900	8
Main Branch	Apr Dec.	Once a week	25	053	900	8
Spring	Jan Dec.	Once a week	88	053	900	002

Table 8. (Continued)

Category: 712 Format: X.XX EXX, X.XX EXX

Total streptococci

Station name	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding
Sellman North	Feb July	Once a week	GRB	054	900	900
Sellman South	Feb July	Once a week	GRB	054	900	900
North Branch	Feb July	Once a week	GRB	054	900	900
Blue Jay	Feb July	Once a week	GRB	054	900	900
Williamson	Feb July	Once a week	GRB	054	900	900
Fox Creek	Feb July	Once a week	GRB	054	900	900
Steinlein	Feb July	Once a week	GRB	054	900	002
Main Branch	Apr Aug.	Once a week	GRB	054	900	900
Spring	Feb Dec.	Once a week	GRB	054	900	005

Total streptococci and fecal streptococci (#/100 ml)

Table 8. (Continued)

Category: 712 (Continued)

Fecal streptococci

Station name	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding	
Sellman North	Jan July	Once a week	GRB	054	900	900	
Sellman South	Jan July	Once a week	GRB	054	900	900	
North Branch	Jan July	Once a week	GRB	054	900	900	
Blue Jay	Jan July	Once a week	GRB	054	900	900	
Williamson	Jan July	Once a week	GRB	054	900	900	
Fox Creek	Jan July	Once a week	GRB	054	900	900	
Steinlein	Jan July	Once a week	GRB	054	900	900	
Main Branch	Apr July	Once a week	GRB	054	900	900	
Spring	Jan July	Once a week	GRB	054	900	902	

Table 8. (Continued)

Station name	Time span	Time frequency	Sample code	Technique I code	Investigator code	Funding code
Sellman North	Jan Nov.	Once a week	GRB	055	900	002 & 005
Sellman South	Jan Nov.	Once a week	GRB	055	900	002 & 005
North Branch	Jan Nov.	Once a week	GRB	055	900	002 & 005
Blue Jay	Jan Nov.	Once a week	GRB	055	900	002 & 005
Williamson	Jan Nov.	Once a week	GRB	055	900	002 & 005
Fox Creek	Jan Nov.	Once a week	GRB	055	900	002 & 005
Steinlein	Jan Nov.	Once a week	GRB	055	900	002 & 005
Main Branch	April - Nov.	Once a week	GRB	055	900	002 & 005
Spring	Jan Nov.	Once a week	GRB	055	900	002 & 005

Table 8. (Continued)

Total viable heterotrophs (7 days), total viable heterotrophs (48 hours) (#/ml) Format: X.XX EXX, X.X EXX Category: 714

Station name	Time span	Time frequency	Sample	Technique code	Investigator	Funding code
Sellman North	Jan Dec.	Once a week	GRB	950	900	002 & 005
Sellman South	Jan Dec.	Once a week	GRB	950	900	002 & 005
North Branch	Jan Dec.	Once a week	GRB	950	900	002 & 005
Blue Jay	Jan Dec.	Once a week	GRB	950	900	002 & 005
Williamson	Jan Dec.	Once a week	GRB	950	900	002 & 005
Fox Creek	Jan Dec.	Once a week	GRB	950	900	002 & 005
Steinlein	Jan Dec.	Once a week	GRB	056	900	002 & 005
Main Branch	April - Dec.	Once a week	GRB	950	900	002 & 005
Spring	Jan Dec.	Once a week	GRB	, 920	900	002 & 005

Table 9. Parameters Measured in Upland Ecology Research

### Litter Fall

Investigator: 002

Project code: LTR

Leaf number (by species\*) number/m<sup>2</sup> = leaf

Leaf weight (by species ) g dry wt./leaf

Leaf area (by species\*) cm²/leaf - as is; with internal holes covered; with all holes

covered

Seed number (by species\*) number/ $m^2$  - for some species by fruit and seeds (1)

Seed weight (by species\*) g dry wt./seed - for some species by seeds only (2)

Miscellaneous other litter g dry wt./m<sup>2</sup> - for some species inedible fruit support or dispersal structure (3)

Station code	Time span	Time frequency	Technique code	Funding code
01 - 01 to 10	Jan Dec.	Once a week. Once every two weeks from Jan July; once every week from Aug Dec.	062	001 & 004
02 - 11 to 20	Jan Dec.	Once a week. Once every two weeks from Jan July; once every week from Aug Dec.	062	001 & 004
03 - 21 to 30	Jan Dec.	Once a week. Once every two weeks from Jan July; once every week from Aug Dec.	062	001 & 004

Table 9. (Continued)

Litter Fall (continued)

Station code	Time span	Time frequency	Technique code	Funding code
04 - 31 to 40	Jan Dec.	Once a week. Once every two weeks from Jan July; once every week from Aug Dec.	062	001 & 004
05 - 41 to 50	Jan Dec.	Once a week. Once every two weeks from Jan July; once every week from Aug Dec.	062	001 & 004
06 - 51 to 60	Jan Dec.	Once a week. Once every two weeks from Jan July; once every week from Aug Dec.	062	001 & 004
07 - 61 to 70	Jan Dec.	Once a week. Once every two weeks from Jan July; once every week from Aug Dec.	062	001 & 004
08 - 71 to 80	Jan Dec.	Once a week Once every two weeks from Jan July; once every week from Aug Dec.	062	001 & 004

<sup>\*</sup> Species code list on next page.

### FOREST ECOLOGY STUDY

# Species Code

1 Virginia Pine
2 Loblolly Pine

### GYMNOSPERMAE

ANGIOSPERMAE

### Pinaceae

Pinus virginiana Pinus taeda

Monocotyledoneae Dicotyledoneae		
Salicaceae Salix nigra Juglandaceae	3	Black Willow
Juglans nigra	4	Black Walnut
Betulaceae Carya tomentosa Carpinus carolena Betula lutea Ostrya virginiana		Hornbeam Yellow Birch
Fagaceae Castanea dentata Quercus velutina Quercus stellata Quercus falcata Quercus alba Quercus palustris Quercus marilandica Quercus muehlenbergii Quercus prinus Quercus rubra Quercus phellos Fagus grandifolia Quercus coccinea	12 13 14 15 16 17 18	Black Oak Post Oak Spanish Oak White Oak Pin Oak Blackjack Oak Yellow Oak
Ulmaceae Ulmus americana	20	American Elm
Magnoliaceae Liriodendron	21	Tulip Tree
Lauraceae Sassafras albidum	22	Sassafras
Liquidambar Styraciflua Platanaceae	23	Sweet Gum
Platanus occidentalis	24	Sycamore

Prunus cerasus Prunus serotina Prunus serotina Prunus avium Prunus virginiana Amelanchier arborea Fraxinus pennsylvanica Leguminosae Robinea pseudo-acacia Simaroubaceae Ailanthus altissima Aquilifoliaceae Ilex opaca Acer rubrum Acer negundo Nyssaceae Nyssa sylvatica Cornaceae Cornus florida Ebenaceae Diospryos virginiana Quercus Carya glabra Red - Black Oak Hybrid Rhus radicans Virginia Creeper	R	osaceae			
Leguminosae Robinea pseudo-acacia Simaroubaceae Ailanthus altissima Aquilifoliaceae Ilex opaca Acer aceae Acer rubrum Acer negundo Nyssaceae Nyssa sylvatica Cornaceae Cornus florida Ebenaceae Diospryos virginiana Quercus Carya glabra Red - Black Oak Hybrid Rhus radicans Vitis vulpina Lonicern japonica Campus radicans Partheno cissus  Black Locust  30 Tree of Heaven  30 Tree of Heaven  31 American Holly  Anerican Holly  All Persiman  Aged Cedar  Oak  Pignut Hickory  All Persiman  Aged Cedar  Oak  All Persiman  Aged Cedar  Oak  All Persiman  All Persiman  All Persiman		Prunus serotina Prunus avium Prunus virginiana Amelanchier arborea	26 27 28 42	Black Cherry Sweet Cherry Choke Cherry June Berry	
Simaroubaceae Ailanthus altissima Aquilifoliaceae Ilex opaca Acer rubrum Acer negundo Nyssaceae Nyssa sylvatica Cornaceae Cornus florida Ebenaceae Diospryos virginiana Quercus Carya glabra Red - Black Oak Hybrid Rhus radicans Vitis vulpina Lonicern japonica Campus radicans Partheno cissus  30 Tree of Heaven 30 Tree of Heaven 31 American Holly Americ	L	eguminosae			
Ailanthus altissima Aquilifoliaceae     Ilex opaca     Acer aceae     Acer rubrum     Acer negundo     Nyssaceae     Nyssa sylvatica Cornaceae     Cornus florida Ebenaceae     Diospryos virginiana     Juniperus virginiana     Quercus     Carya glabra     Red Cedar     Quercus     Carya glabra     Red - Black Oak Hybrid     Rhus radicans     Vitis vulpina     Lonicern japonica     Campus radicans     Parsimmon  30 Tree of Heaven  American Holly  Aperican Holly  All Persiman  A Persiman  A Red Cedar  Oak  Pignut Hickory  All Poison Ivy  Winter or Chicken grap  Honeysuckle  Campus Hard  All Persiman  All	c.		29	Black Locust	
Aquilifoliaceae     Ilex opaca     Aceraceae     Acer rubrum     Acer negundo     Nyssaceae     Nyssa sylvatica Cornaceae     Cornus florida Ebenaceae     Diospryos virginiana     Juniperus virginiana     Juniperus virginiana     Ouercus     Carya glabra     Red - Black Oak Hybrid     Rhus radicans     Vitis vulpina     Lonicern japonica     Campus radicans     Parsimmon  31 American Holly Ame	3		30	Tree of Heaven	
Acer rubrum 32 Red Maple Acer negundo 33 Box Elder  Nyssaceae Nyssa sylvatica 34 Tupelo  Cornaceae Cornus florida 35 Dogwood  Ebenaceae Diospryos virginiana 36 Persimmon  Juniperus virginiana 43 Red Cedar Quercus 44 Oak Carya glabra 45 Pignut Hickory Red - Black Oak Hybrid Rhus radicans 47 Poison Ivy Vitis vulpina 48 Winter or Chicken grap Lonicern japonica 49 Honeysuckle Campus radicans 50 Trumpet Creeper Partheno cissus 51 Virginia Creeper	A	quilifoliaceae			
Acer rubrum Acer negundo  Nyssaceae Nyssa sylvatica Cornaceae Cornus florida Ebenaceae Diospryos virginiana  Juniperus virginiana  J	A		31	American Holly	
Nyssa sylvatica Cornaceae Cornus florida Ebenaceae Diospryos virginiana Juniperus virginiana Ouercus Carya glabra Red - Black Oak Hybrid Rhus radicans Vitis vulpina Lonicern japonica Campus radicans Persimmon  43 Red Cedar Oak Pignut Hickory 46 Poison Ivy Winter or Chicken grap Honeysuckle Campus radicans Fartheno cissus 50 Trumpet Creeper		Acer rubrum Acer negundo			
Cornus florida  Ebenaceae  Diospryos virginiana  Juniperus virginiana  Quercus  Carya glabra  Red - Black Oak Hybrid  Rhus radicans  Vitis vulpina  Lonicern japonica  Campus radicans  Partheno cissus  35 Dogwood  36 Persimmon  43 Red Cedar  0ak  Pignut Hickory  45 Pignut Hickory  46  Winter or Chicken grap  48 Winter or Chicken grap  49 Honeysuckle  Trumpet Creeper  51 Virginia Creeper		Nyssa sylvatica	34	Tupelo	
Diospryos virginiana 36 Persimmon  Juniperus virginiana 43 Red Cedar Quercus 44 Oak Carya glabra 45 Pignut Hickory Red - Black Oak Hybrid 46 Rhus radicans 47 Poison Ivy Vitis vulpina 48 Winter or Chicken grap Lonicern japonica 49 Honeysuckle Campus radicans 50 Trumpet Creeper Partheno cissus 51 Virginia Creeper	0,		35	Dogwood	
Juniperus virginiana 43 Red Cedar Quercus 44 Oak Carya glabra 45 Pignut Hickory Red - Black Oak Hybrid 46 Rhus radicans 47 Poison Ivy Vitis vulpina 48 Winter or Chicken grap Lonicern japonica 49 Honeysuckle Campus radicans 50 Trumpet Creeper Partheno cissus 51 Virginia Creeper	El				
Ouercus Carya glabra Red - Black Oak Hybrid Rhus radicans Vitis vulpina Lonicern japonica Campus radicans Partheno cissus  44 Oak 45 Pignut Hickory 46 47 Poison Ivy 48 Winter or Chicken grap 49 Honeysuckle 50 Trumpet Creeper		Diospryos virginiana	36	Persimmon	
Vitus labrusca 52 Fox Grape Rubus occidentalis 53 Raspberry		Ouercus Carya glabra Red - Black Oak Hybrid Rhus radicans Vitis vulpina Lonicern japonica Campus radicans Partheno cissus Vitus labrusca	44 45 46 47 48 49 50 51	Oak Pignut Hickory  Poison Ivy Winter or Chicken Honeysuckle Trumpet Creeper Virginia Creeper Fox Grape	grape

37

40

Miscellaneous fragments

Total

### Small mammal populations

Investigator: 009

Project code: SMM

Funding code: 001/004

Technique code: 063

Frequency: Monthly for consecutive days

Time span: May - December

Intensive sites studied: 001, 004, 005, 009, Poplar Islands

### Key to Parameters Coded

# Species:

1 = Peromyscus

2 = Blarina

3 = Microtus

4 = Sorex

5 = Mus

6 = Zapus

7 = Tamias

# Capture status:

0 = New

1 = Recaptured, alive

2 = Recaptured, dead

3 = New, dead

4 = Escaped

### Sex:

1 = Male

2 = Female

3 = Unknown

### Age/color:

1 = Adult/brown

2 = Subadult/grey-brown

3 = Juvenile/grey

# Reproductive conditions:

1 = Testes ascended

2 = Testes descended, small

3 = Testes descended, large

4 = Testes shriveled

5 = Mammaries, tiny

6 = Mammaries, small

7 = Mammaries, large

8 = Mammaries, w/milk

#### Pregnant:

0 = No

1 = Yes

3 = Unknown

### Ectoparasites:

1 = Flea 2 = Tick 3 = Mite

### Time of capture:

1 = Morning, 1st day
2 = Afternoon, 1st day
3 = Morning, 2nd day
4 = Afternoon, 2nd day
5 = Morning, 3rd day

### Ant populations

Investigator: 009

Project code: ANT

Funding code: 001/003/004

Technique code: 064

Frequency: variable

Time span: May - December

Intensive sites studied: 001, 004, 005, 009, also transects south and east from 101

# Understory Arthropods

Investigator: 009

Funding code: 001/004

Technique code: 065

Frequency: monthly

Time span: May - December

Intensive sites studied: 004, 005, 009

# Leaf Litter Arthropods

Investigator: 022

Technique code: 066

Frequency: monthly

Time span: July - December

Intensive sites studied: 004, 005, 009

Lawn Project

Primary production

Invertebrate populations

Investigator code: 005

Project code: TRF

Funding code: 001

Technique code: 067

Frequency: variable

Time span: September 15 - December

Intensive sites studied: 0010

Squirrel populations in intensive study sites 2 and 4.

Investigator: 002

Funding code: 001

Technique code: 068

Frequency: variable

Time span: February

Woodland bird populations in forest and old field sites.

Investigator: 012

Funding code: 001

Technique: see 1974 ESP Report

Time span: spring - early summer

Tadpole populations in swamp upstream of weir 101.

Investigator: 007

Funding code: 002

Technique code: not yet available

Frequency: weekly

Time span: spring

Sunlight - Incident Total White Light Intensities at CBCES Dock (map 2)

<u>Technique</u> - Detector was an Eppley precision pyranometer with a clear quartz dome mounted on the roof of the instrument shed at the end of the dock. Data points were recorded every 10 minutes.

<u>Principal Investigator</u>: Robert Cory, U.S. Geological Survey, Chesapeake Bay Center for Environmental Studies.

Research Funding: U.S. Geological Survey.

Table 10. Incident Total White Light Irradiance at Dock (map 2). Average Hourly Values (g cal/cm²/min.) and Daily Totals (g cal/cm²/day). January 1975.

r r					Day	Day of 1975					
of . Day	graventau	2	m		ĸ	Q		$\infty$	0	Ç person	garcost
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000-0090	8	8	8	ğ	5	ı	8	8	8	8	3
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1200-1300	60,	2.	2	95.	9.	69.	. 67	~	22.	w. 10	200
300-1400	ů.	3.	2	S.	in.	0	5	T.	79.	2	s.
1400-1500	4.	<b>4</b>	90.	9	m.	<b></b>	g.	5.	9.	8	2
1500-1600	4.	2.	5	0	fectate; fectate; ⊕	Ō.	-	<u>~</u>	7.	6 Superior	territoria.
1600-1700	0.00	99.	ğ	8	ê		0.	0.	5.	9.	E.
1700-1800	8	*	8	ĝ	on one	8	880	8	ĝ	W d	8
1800-1900	8	8	ŧ.	8	ī	8	989	8	gg.	6049	ŧ
1900-2000		BG	(880)	subvand (grano) je subbrandski subskinski sina se nemene de	STANCE AND	(Bank) Competential control co	Riccian State Annales and Francisco Productive Victoria State (State Style - Springer) policy (Springer)	SECONDECTION OF THE PROPERTY O		parysiga administracija samana mana matamatina disastracija. OSS	quancidement part de mission de mandre part de mand
Total	0.89	247.2	70.8	123.6	244.2	9.17.	225.0	123.0	240.0	33.00	78.6
رة المراكبين المراكب المراكبين المراكبين المراكبين المراكبين المراكبين المراكبين المر	a value	value includes some estimated hours val		200							

value includes some estimated hourly values.

Table 10. January 1975. (Continued)

5					Day	Day of 1975					
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0000-0090	Î	8	8	8	8	ĝ	8	\$	æ	8	ı
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0800-0000	S,	ē.	e.	e e e e e e e e e e e e e e e e e e e	90.	r.	Ċ.	~	0.	60.	80
0001-0060	e Endo	8		6	2	9	5.	(7)	0.	0	0
8 - 00	ů	S.	.63	6.	72.	89.	3.	& Secretarion	8	.52	ę,
100-1200	94.	ē.		69.	9	S.	7.	S.	90.	Š	<b>5</b>
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1300-1400	٥	e.	5.	9	.23	8	8	2	<u> </u>	.32	Š
1400-1500	60.	8	Ē.	ಕ್ರ	e e	ಬ	S.		0.	36.	9
1500-1600	8	8	.26		20	~	Ö.	8	6	<u>.</u>	97.
1600-1700	Ö.	5.	90.	6	9	6 Generale Resease	paris O	<u></u>	0.	0.	80
1700-1800	8	8	î	ì	0	ğ	8	8	8	ŧ	8
1800-1900	8	ŝ	8	ŝ	â		<b>8</b>	98	8	8	8
1900-2000	Monations for the Change Consequence of the	dag	Varieties and an agreement of the control of the co	GEOGRAPHICAL COMMUNICATION CONTRACTOR CONTRA	re-el-im spring-risk vikulikusutas suurikka meeta sed el-el-	e departure region e encourre mariem acerto colorentes (886)	ad robust melantia meta cantapa antara perimpia de projetimendo o Messo	HER STREET, WAS ST	maesche Cobbensionen glein neuer problème décentione des estates de 1800.	Solid Politica and Associated and As	tomerive value time of common and
L C C	30.8	9	255.6	228.0	7000	241.8	0	455	32.4	36.0	2

value includes some estimated hourly values.

Table 10. January 1975. (Continued)

1	1															question	
	31	ı	1	.04	.05	.05	.07	60.	(.08) <sup>a</sup>	(.09)ª	.08	.05	.03	ì	ı	1	37.8
	30	ı	1	.04	.25	.49	. 64	.73	.80	.56	.39	9	.05		ŧ	1	248.4
	29	i	1	.02	.18	.46	.67	.65	.76	.46	.33	.40	.13	10.	ı	8	244.2
Day of 1975	28	1	1	.02	90.	91.	.24	.39	.55	.49	.38	.33	.10	10.	1	1	163.8
Day	27	ı	ı	.03	.26	.47	99.	11.	.79	.72	.57	.36	.15	. 1	1	•	286.8
	56	ı	1	. 05	,22	.49	.54	.47	.75	.72	.57	7.	90.	ı		1	244.8
	25	1	1	,	.02	.05	proces 6	.30	19	90.	.05	.05	.02	t	,	1	0.
	24	1	ı	° 07	.28	.57	.67	9/.	.78	.70	. 53	.36	80.	i	1	1	288.0
	23	ı	1	· 0.	.12	.29	Ľ.	99.	.73	.71	.52	.25	01.	1	1	1	234.0 2
Hour	of Day	0200-0600	0020-0090	0700-0800	0800-0900	0001-0060	1000-1100	1100-1200	1200-1300	1300-1400	1400-1500	1500-1600	1600-1700	1700-1800	1800-1900	1900-2000	Total

a value includes some estimated hourly values.

150

Table 10. Incident Total White Light Irradiance at Dock (map 2). Average Hourly Values (g cal/cm<sup>2</sup>/min.) and Daily Totals (g cal/cm<sup>2</sup>/day). February 1975.

5					Day	Day of 1975					
of Day	. 32	33	34	35	36	37	38	39	40	41	42
0200-0600	1	ı	8	1	ŧ	1	1	ā	1	1	1
0000-0090	t	ŧ	1		ŧ	ı	8	1	ŧ	1	ŧ
0700-0800	1	ı	.02	.02	5	.02	.04	.04	1	90.	8
0800-0080	.00	40.	.16	.10	.05	.08	.26	. 29	.12	.32	.04
0900-1000	.02	.07	.34	91.	ក្	.17	.57	.57	5-	.58	.20
1000-1100	.04	.20	(.54) <sup>a</sup>	.24	.26	.32	99.	11.	0.80	97.	.50
1100-1200	90.	.23	.63	.23	.26	.70	89°	98°	7-	98.	.63
1200-1300	90.	.40	.80	.18	.29	.87	.64	06.	Ľ.	88.	.77
1300-1400	.07	.37		91.	.27	99.	<del>د</del> .	. ස	.27	<u> </u>	. 56
1400-1500	20.	.29	.73	.10	.20	.41	.61	99°	.18	.58	.47
1500-1600	90.	.20	.47	.05	r.	.20	.43	.46	91.	.26	.23
1600-1700	. 04	60°	.25	0	\$	0.04	. 29	<u>o</u>	9	60°	0.
1700-1800	.02	ı	.03	i	,	ı	.01	.02	.02	•	ı
1800-1900	i	•	1	ı	•	1	<b>1</b>	î	ı	ı	ā
1900-2000	8		9	1	*	8	2	8	ŧ	8	
Total	27.0	113.4	284.4	76.8	100.8	208.2	270.0	336.6	109.2	312.0	207.0
a value inc	Judes some	estimate	value includes some estimated hourly values	lues.							

Table 10. February 1975. (Continued)

1			prose.	1	grance	(O	n N	؈	Ø	m	Ø	0	(O	2		ı	
	53	ı	.0		***	99.	.85	96*	98.	6	.79	.52	.26	.07	1	1	396.6
	52	1	.01	.21	49	. 68	98.	96.	.98	96.	.73	.50	.28	.07	ı	1	400.2
	5	i	ı	6 laws force	39	19.	.83	96*	96.	8.	.67	.50	.25	50	8	8	372.0
	50	ı	1	i	lum C	.48	.82	.86	.84	.87	.54	.35	Ε.	.02	ı	â	299.4
	49	1	1	1	ទុំ	.12	.12	60.	.05	8	.07	.02	.01	à	1 .	8	34.2
Day of 1975	48	1	,	ı	.04	.03	.05	.18	.07	.01	.02	ī	ı	1	1	1	24.0
Dag	47	1	t	.04	6.	.33	.38	.35	.29	9	0.	.02	1	1	1	ŝ	111.0
	46	1	i	.01	2	.36	.41	.52	.3	14	.21	.17	90.		ı	8	138.6
	45	1	t	.07	. 18	. 55	.80	.94	.94	.86	.70	.43	.13	.02	. 1	9	337.2
	44	ı	t	.02	.25	.59	.54	.85	96.	.87	.77	48	.21	.02	1	\$	330.0
	43	ı	ı	ı	ı	ı	,	ı	90.	.08	91.	.26	.10	ı	ı	3	39.6
Hour	of Day	0200-0600	0000-0090	0700-0800	0800-0080	00001-0060	0011-0001	1100-1200	1200-1300	1300-1400	1400-1500	1500-1600	1600-1700	1700-1800	1800-1900	1900-2000	Total

Table 10. February 1975. (Continued)

Hour					Day	Day of 1975	
	54	55	56	22	250	59	
0200-0600	1	ı	1	. 1	8	1	
0020-0090	1	1	,	ı	.00	Ю.	
0700-0800	.03	6.		ō.	80.	-12	
0060-0080	.03	.03		.47	5	.50	
0000-10060	.02	.12		.74	.48	.76	
1000-1100	03	.2		.94	35.	. 86	
1100-1200	70.	.17	ATAC	1.04	09.	69.	
1200-1300	5	g(61.)	I ON	1.07	.63	.90	
1300-1400	_			9.	.52	79.	
1400-1500	. 28			.84	.48	09.	
1500-1600	.10	ATAG		.61	.36	.56	
1600-1700	80.	I ON		က္သ	.27	. 28	
1700-1800	.01			80.	80.	.05	
1800-1900	1	1	ı	8			
1900-2000	1	8	1	98		8	
Total	53.4			438.6	255.6	360.0	

a value includes some estimated hourly values.

Table 10. Incident Total White Light Irradiance at Dock (map 2). Average Hourly Values (g cal/cm<sup>2</sup>/min.) and Daily Totals (g cal/cm<sup>2</sup>/day). March 1975.

Hour					Day	Day of 1975					
of Day	09	19	62	63	64	65	99	29	89	69	70
0200-0600	8	8	ı	1	1	1	ı	ı	ı	1	1
0020-0090	.02	.00	.02	.03	.03	.02	.02	.02	.04	.00	8
0700-0800	.24	.17	.12	.24	.27	91.	01.	61.	.27	.08	90.
0800-0900	es.	ភ	<u> </u>	.52	.47	.52	. 29	.52	. 556	.22	(2)
0000-10060	.76	.62	.76	.72	.70	77.	.45	.78	.83	.19	.36
1000-1100	.88	.43	66.	66.	.95	96.	.68	.55	1.02	.18	.38
1100-1200	1.06	.32	86.	66.	86.	1.06	.42	11.	1.14	.17	.38
1200-1300	\$	w.	ŢŮ.	laren PL)	90.	1.07	00	88.	9	<u>.</u>	2.
1300-1400	96•	.45	.62	1.08	.95	96.	.18	. 54	1.08	.10	.47
1400-1500	. 59	.53	.68	.89	.79	.84	.12	99.	. 93	60°	.39
1500-1600	.38	.18	.34	.54	. 55	. 64	.19	.61	69.	.05	.30
1600-1700	.22	<u>.</u>	.20	E.	.27	34	s Sept	.24	7.	.02	0
1700-1800	.03	.04	.05	.08	.04	60.	90.	60.	14	8	.03
1800-1900	3	1	8	1	1	•	1	٠	ı	ı	<b>1</b>
1900-2000	8		ı	1	1	3	3	1	8	.1	9
Total	390.6	222.0	342.6	452.4	423.6	446.4	169.8	348.0 4	496.2	74.4	183.0

Table 10. March 1975. (Continued)

2	Odkaydrommic cylluses (president) Medigoro ette	аджандыналындардардардардардардардардардардардардард			Day	Day of 1975					
of Day		22	2	7	75	9/	P	æ	೮	8	<b>6</b>
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0000-0090	(C)	i	8	3.	3.	Ċ.	Ŝ.	ŧ	Ş	CU prome o	<u>.</u>
0700-0800	90.	80	5	0	America Scoring	8	-	Ē,		. 42	S
0800-0000	~	9	e.	S.	.78	<u>د</u>	2	8		G. Services	~
0001-0060	50	-	\$	. 29	<del>4</del>	₹	r.	Ğ		٠. دي	(7)
000-1100	80.	<b>%</b>	9.	5	4.	r.	89.	Ş	ATAO	function @ Section Section	\$.
1100-1200	<u> </u>	4.	50.		4.	8	, (1)	8	ON	, person	9
1200-1300	ę.	4.	S	2.	<u>e</u>	Summer Summer Summer	<u> </u>	Š		becasi tecns to	5
1300-1400	ë.	991.	0.	6	.65	9		Ş		5	.23
1400-1500	00	.67	8	98.	0.	\$	8.	9.	s.	ů.	boun form
1500-1600	<u> </u>	2.	S.	9.	. 76	9.	3 Grapes Lapses	8	69.	S	CJ.
1600-1700	Ş	80	8.	. 29	0.0	w. w	leane (J.)	9	<del>4</del> .	%	S.
1700-1800	Ö,	8.	ı	8	Secure (20)	8	9.	Ş	© 	9.	<b>e</b> .
1800-1900	8	ŝ	ŧ	â	ŝ	ł	· ·	ŧ	ŧ	ı	98
1900-2000	6	550	669	3	946	95	8	B B	zero (terinoloxo anicamenta esperado companio de 1888)	9	8
Total	55.2	178.8	28.	325.2	240.6	e e	362.4	3.		9	190.2
مين مياردي	Tings som	value includes some estimated hourly val		201							

a value includes some estimated hourly values.

Table 10. March 1975. (Continued)

	06	1	.17	.46	7	66.	1.16	1.25	1.26	- - - - -	66	.76	.47	9	ı	1	573.6
	89	1	.02	.05	general general	.18	.14	.34	.43	S.	30	.18	.04	.01	1	1	137.4
	88	ŝ	.02	9	2	.36	.39	.49	.34	8.	.43	.23	.13	.07	1	ŝ	190.8
Day of 1975	87	ı	01.	.07		.24	. 88	. 98	. 98	.82	.77	. 68	.33	.03	1	1.	363.0
Day	86	1	14	.43	.73	.84	89.	09.	77.	1.05	8	.47	.31	.07	ı	1	414.0
	85	1	.12	.29	.32	.46	.53	. 85	<u>ت</u>	1.03	6.	97.	.44	.15	ı	9	399.6
	84	ı	.05	.32	99.	.9	1.09	.79	.55	-	.73	.52	.21	.08	8	1	426.0
	83	1	50.	70.	90.	0.	boom CO	27	.36	~	60.	.02	.04	.03	i	1	81.6
	82	1	.12	.42	.64	06.		1.12	1.21	lances g function forms	9	.67	.39	town form	ı	8	523.8
Hour	of Day	0200-0090	0000-0090	0700-0800	0800-0080	0000-10060	1000-1100	1100-1200	1200-1300	1300-1400	1400-1500	1500-1600	1600-1700	1700-1800	1800-1900	1900-2000	Total

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Table 10. Incident Total White Light Irradiance at Dock (map 2). Average Hourly Values (g cal/cm²/min.) and Daily Totals (g cal/cm<sup>2</sup>/day). April 1975.

of bay         91         92         93         94         95         96           Day         Day         94         95         96         Day           0500-0600         -         -         -         0.01         .02         .02           0600-0700         .10         .17         .01         .20         .12         .21           0700-0800         .40         .46         .03         .50         .37         .50           0800-0900         .75         .73         .41         .80         .64         .78           0900-1000         .97         .96         .76         1.28         1.21         .78           1100-1200         1.24         1.21         .94         1.28         1.30         1.30           1200-1300         1.24         1.21         .87         1.28         1.20           1400-1500         1.99         .93         .70         .99         .81         1.03           1500-1600         .77         .69         .45         .75         .16         .17           1800-1800         .16         .14         .06         .15         .16         .17           1800-2000 </th <th>Hour</th> <th></th> <th></th> <th></th> <th></th> <th>Day</th> <th>Day of 1975</th> <th></th> <th></th> <th></th> <th></th> <th></th>	Hour					Day	Day of 1975					
-       -		6	92	8	94	ದ್ದ	96	97	98	66	100	101
.10       .17       .01       .20       .12         .40       .46       .03       .50       .37         .75       .73       .41       .80       .64         .97       .96       .76       1.05       .83       1         1.15       1.13       1.28       1.21       1.28       1         1.24       1.21       .94       1.29       1       1         1.15       1.11       .94       1.18       1.29       1         1.15       1.11       .94       1.18       1.29       1         .77       .69       .42       .75       .67         .48       .41       .16       .45       .39         .16       .14       .06       .15       .16         .16       .14       .06       .15       .16	0090	Q.		1	6.	.02	.02	.01	.00	.00	1	.02
.40       .46       .03       .50       .37         .75       .73       .41       .80       .64         .97       .96       .76       1.05       .83       1         1.15       1.13       1.28       1.21       1.28       1         1.24       1.21       .94       1.29       1       1         1.15       1.11       .94       1.28       1.30       1         1.15       1.11       .94       1.18       1.29       1         1.15       1.11       .94       1.18       1.29       1         1.77       .69       .42       .75       .67         .48       .41       .16       .45       .39         .16       .14       .06       .15       .16         .1       .1       .0       .15       .16	00.00	0	-	0.	.20	.12	.21	9.	8	.22	90.	σ.
.75       .73       .41       .80       .64         .97       .96       .76       1.05       .83       1         1.15       1.13       1.28       1.21       1.28       1         1.24       1.21       .94       1.29       1.47       1         1.15       1.11       .94       1.18       1.29       1         1.99       .93       .70       .99       .81       1         .77       .69       .42       .75       .67         .48       .41       .16       .45       .39         .16       .14       .06       .15       .16         .16       .14       .06       .15       .16	0800	.40	.46	.03	. 50	.37	.50	.40	.48	2	0	.37
.97       .96       .76       1.05       .83       1         1.15       1.13       1.28       1.21       1.28       1         1.24       1.21       .94       1.29       1.47       1         1.24       1.21       .87       1.28       1.30       1         1.15       1.11       .94       1.18       1.29       1         1.99       .93       .70       .99       .81       1         .77       .69       .42       .75       .67         .48       .41       .16       .45       .39         .16       .14       .06       .15       .16         .       .       .       .       .         .       .       .       .       .         .       .       .       .       .         .       .       .       .       .         .       .       .       .       .         .       .       .       .       .         .       .       .       .       .         .       .       .       .       .         .       .       .<	0060	.75	.73	4	.80	.64	.78	.49	.78	.82	.29	.64
1.15       1.13       1.28       1.21       1.28       1         1.24       1.21       .94       1.29       1.47       1         1.24       1.21       .87       1.28       1.30       1         1.15       1.11       .94       1.18       1.29       1         .99       .93       .70       .99       .81       1         .77       .69       .42       .75       .67         .48       .41       .16       .45       .39         .16       .14       .06       .15       .16         .       .       .       .       .         .       .       .       .       .	1000	76.	96.	.76	1.05	.83	1.03	.59	1.03	1.05	.24	. 55
1.24       1.21       .94       1.29       1.47       1         1.24       1.21       .87       1.28       1.30       1         1.15       1.11       .94       1.18       1.29       1         1.99       .93       .70       .99       .81       1         .77       .69       .42       .75       .67         .48       .41       .16       .45       .39         .16       .14       .06       .15       .16         .       .       .       .       .         .       .       .       .       .	1100	1.15	- 3	1.28	1.21	1.28	1.21	.68	1.20	1.22	8	.67
1.24       1.21       .87       1.28       1.30       1         1.15       1.11       .94       1.18       1.29       1         .99       .93       .70       .99       .81       1         .77       .69       .42       .75       .67         .48       .41       .16       .45       .39         .16       .14       .06       .15       .16         -       -       -       -       -         -       -       -       -       -	1200	1.24	1.21	.94	1.29	1.47	1.30	.53	1.30	1.32	.40	.57
1.15       1.11       .94       1.18       1.29       1         .99       .93       .70       .99       .81       1         .77       .69       .42       .75       .67         .48       .41       .16       .45       .39         .16       .14       .06       .15       .16         -       -       -       -       -         -       -       -       -       -	1300	1.24	1.21	.87	1.28	1.30	1.30	.48	1.30	1.31	.49	.59
. 99 . 93 . 70 . 99 . 81 1 1 . 69 . 42 . 756769 . 459516	1400	٠. ت	lame g lame lame	.94	8.1	1.29	1.20	34	1.20	Secure CA Secure	.80	. 65
. 77 . 69 . 42 . 75 . 67 . 48 . 41 . 16 . 45 . 39 . 16 . 14 . 06 . 15 . 16	1500	66.	.93	.70	66.	ω.	1.03	.36	1.04	.84	76.	66.
.48 .41 .16 .45 .39	1600	.77	69.	.42	.75	.67	11.		8	છુ	.74	.71
.16 .14 .06 .15 .16	1700	.48	4.	91.	.45	.39	.47		ŗ.	.29	.44	.42
t t	1800	91.	14	90.	<u>.</u>	9	2	<u>.</u>	.17	60.	11.	,
1	1900	1	ŧ	ı	ı	ğ	ı	.01	10.	8	1	.01
	2000	8	8			99	*	Da de la companya de		8	9	9
Total 564.0 549.0 394.8 591.6 561.0 596.4	<u></u>	564.0	549.0	394.8		561.0	596.4	303.6	9.009	572.4	298.2	390.6

Table 10. April 1975. (Continued)

Hour				report and extended the control of t	e C	Day of 1975	do namental de medica per de campione de la Constitución de de Gregoria.	de Blanche Web wordt en different frank Anderson en er er er		radiklandika erdire erdire oldira sakradırdır.	Consugements are plat to differ a library different and are plat to di
of Day	102	103	Ş	5	90	þ	80	601	2	garan Garan	<u> </u>
0090-0090	ē.	8	e.	ĝ	S	7	0,	8	20.	3.	5.
0000-0090	e learer faces	<u></u>	87.	8	~	.52	. 22	8	.23	. 5	2
0700-0800	\$	ŗ.	S.	9.	o.	Ġ.	T.	7	Į.	Ŗ	S.
0800-0080	S.	3.	80.	9.	æ	æ	0	S.	8	7.8	\$
0000-0060	£0°	3.	5	~	8.	(90. L)	9	ů.	2	8	5
0001-000	2	2.	~	Ş	5	Perme Of Perme	<u> </u>	\$	bream 6 German Englan	2	6
100-1200	ф. го	æ.	9	ĕ	-	(A.) (A.) Server	9	82	8		Ö,
1200-1300	. 92	<u></u>	0.	5.	Same Same Same Same Same Same Same Same	(7)	ਕ. ਨ	ines.		(m)	G.
300-1400	e learns	2	5	tzens (A.)	8.	Ċ.	8	in the second se	ක <u>්</u> ස	<u>ر</u> در	9
1400-1500	<u>.</u>	8	9.	7	9.	\$	<u>م</u>	tunen Enge	ō.	5	<b>*</b>
1500-1600	9.	L)	£.	60.	S.	-	9	8	٥	æ.	. 28
1600-1700	C.	2.	C.	8	4.	S.	~	Ċ.	Š.	€.	© -
700-1800		<u>.</u>	ë.	ē	57.	2.	5	S	.25	.26	0.
1800-1900	(5)	C)	í	98	5	5	<b>i</b>	8	3	20.	1
1900-2000	en (de sein) de se d Timb	OSAN SISSAN SIN SIN SIN SIN SIN SIN SIN SIN SIN SI	ere easter de celebration de constitue de constitue de celebration		ŝ		658		ri alda, a poz. a cana cale percepi de politico pe pe alcopi acceso.		960 960
To to	532.2	455	520.2	φ. (δ)	€ 8 4	618.6	0.00	162.0	0.909	8.00	364.8

a value includes some estimated hourly values.

Table 10. April 1975. (Continued)

Constitution and consti																	
			gamena	0	S	ı.	<b>c</b> 0		S	7		හ		0	e_fe		
û ew ellin ûnder onder erlik on gliston ei monderene	120	9.	*	2	S	19 t	Ö,	8	ů,	<b>.</b>	£.	48			Ž.	description of the second control of the sec	0 0
transistra e de la constitución	<u></u>	8	8	8	•	な		. 28	8	<u>.</u>	32		<u>C</u>	8	g .	8	9
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Da	ieno ieno ieno	9.	S	9	œ ro	beare a beares (A.)	2	<u> </u>	<u> </u>	Č.	တ္ခ		.45	inco FQ	8	. 000	632.4
	Co period	880	90	<b>S</b>	S.	0	80	86.	5	2	Security Security Security	8.	95.	2	8	688	637.8
	<b>L</b>	66			Q.	ATAG	ON				Š.	<u>m</u>	9	8.	98	•	
		S.	2	9	8			P	ATAO	ON					â	Bay	
	become become (A.)	40.	S	ů	-	o.	0	2	bears fune	80	89.	<b>. . . .</b>	22.	80	ŝ	Section (Section Company)	502.8
100	Da ¢	0200-0600	0000-0090	0700-0800	0800-0080	0000-10060	0001-0001	1100-1200	1200-1300	1300-1400	1400-1500	1500-1600	00/1-0091	1700-1800	1800-1900	1900-2000	Total

Table 10. Incident Total White Light Irradiance at Dock (map 2). Average Hourly Values (g cal/cm<sup>2</sup>/min.) and Daily Totals (g cal/cm<sup>2</sup>/day). May 1975.

						1	59										
131	1	e lenen lenen	.34	.64	88	1.08	1.23	1.09	1.38	1.22	1.03	92.	Ľ,	.21	.05		631.8
130	ì	.07	.22	\$3.	.93	1.14	1.27	1.27	1.31	1.24	1.06	.82	.57	.28	90.	8	645.6
129	1	.04	.12	5	.43	9/.	.27	.48	.64	19.	.46	.26	.14	90.	.0		268.2
128	ı	èwa Image	.35	. 65	(.90) <sup>a</sup>		1.29	1,35	1.30	1.03	76.	.80	.50	.19	.04	8	635.4
127	ı	e base	.37	39	.62	.49	1.03	1.34	1.37	1.24	1.09	.54	14.	.17	.04		552.6
Day of 1975 126	8	.04	.22	.27	١٧.	1.06	1.22	1.31	1.34	1.16	. 94	.65	femore femore	71.	.02		551.4
125	-1	:	90.	91.	.13	.14	4.	.20	.23	.29	.64	.82	.51	.19	.04	•	229.8
124		. 10.	.02	.03	.04	60.	e e	.51	.63	1.12	.95	.64	.41	.22	90.	The state of the s	303.6
123		.04	.10	39	11.	. 98	1.23	1.28	1.16	.87	۲.	.46	.2	90.	5		496.2
122		.01	• 05	60.	.17	.24	.40	69.	.57	11.	1.07	.72	.55	.26	0.	3	337.8
121		ŝ	.01	.02	9.	90.	5.	.24	.22	91.	.15	e Leven Serve	.08	.03	.00	***	75.6
Hour of Day	0400-0200	0200-0600	0020-0090	0700-0800	0060-0080	0001-0060	1000-1100	1100-1200	1200-1300	1300-1400	1400-1500	1500-1600	1600-1700	1700-1800	1800-1900	1900-2000	Total

a value includes some estimated hourly values.

Table 10. May 1975. (Continued)

Hour					Day	Day of 1975			Š		
of Day	132	133	134	135	136	137	138	139	140	4	142
0400-0200	8	8	1	•	,	8	ŧ	•	1	1	5
0200-0600	60°	.05	60°	60.	5.	,	.07	.05	Ĉ.	60.	<u>C</u>
0020-0090	.34	.09	.35	ယ့ <i>.</i> က	.05	.35	7	91.		.25	.32
0700-0800	. 56	.29	.63	.62	.07	99*	.43	.38	.61	ŗ.	(.61) <sup>a</sup>
0800-0900	φ.	.72	88.	.67	<u>.</u>	.73	.46	46.	88	8.	
0001-0060	1.09	.85	lume a lume lume lume	.83	.26	1.09	.86	66.	lumes lumes lumes	.98	ΑT
1000-1100	.05	9	1.27	,	.56	.95	.46	8.	1.28	1.17	.YO O
1100-1200	1.09	1.43	1.34	1.00	11.	.73	1.03	1.27	1.34	.63	N
1200-1300	.77	11.	34	6.	8.	ਲ.	1.24	ڪ. س	1.32	3.35	
1300-1400	76°	.50	1.21	.85	69.	.42	.49	1.03	1.21	1.21	$(1.12)^{a}$
1400-1500	. 53	.08	1.03	.64	.89	<u>ش</u>	.42	.7	.97	1.03	(.95) <sup>a</sup>
1500-1600	35	60°	11.	.24	69.	36	.38	8.	.61	.79	.70
1600-1700	E.	2°	. 52	.12	.38	.27	.30	3	m,	64.	9
1700-1800	.00	,37	.21	.07	.26	.20	*00	.27	.26	.17	.07
1800-1900	8	.0 80	.07	.03	90°	.00	.02	90.	.07	40.	,
1900-2000	1	3		es		8	1	9	1	1	•
Total	Total 467.4 391.2 649.2 451.2 value includes some estimated hourly values	391.2	649.2	451.2	337.8	397.8	382.8	564.0	624.0	573.0	

Table 10. May 1975. (Continued)

											,							
	آم م	ı	.03	.10	11.	.26	.52	.67	82	66.	.83	١٢.	.50	.48	.28	.05	1	386.4
	50	1	.05	.10	80.	.49	.71	. 59	ភេ	.57	.53	76.	. 58	.53	E	Ş	8	379.8
	149	1	.15	.37	.67	.85	4	1.24	1.24	1.24	1.32	. 2	68	.47	.20	80.		658.8
Day of 1975	148	.01	. 15		.70	76.	1.20	1.34	1.43	1.39	1.30		5	.59	.33	2	1	720.0
Day	147	ı	.12	.32	.62	.87	•	1.21	1.15	1.26	1.19	.73	.29	01.	.08	. 12	ß	550.2
	146	1	.03	.00	. 29	. 55	99.	55	5.0	1.22	1.17	5.	.71	.47	.21	.03	1	490.2
	145	1	90.	.04	.08	.07	.07	90.	60.	60.	.07	60.	90.	.04	.02	ó	1	51.0
	144	1	0.	. 23	.39	.72	1.07	1.20	1.28	1.32	.39	.07	60.	14	.21	90.	1	436.2
	143	ı	.05	.12	.63	06.	1.09	1.24	1.32	1.30	1.22	1.06	.82	.51	.24	90.	ŧ	633.6
Hour	of Day	0400-0500	0200-0600	0000-0090	0700-0800	0060-0080	0000-1000	1000-1100	1100-1200	1200-1300	1300-1400	1400-1500	1500-1600	1600-1700	1 700-1 800	1800-1900	1900-2000	Total

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Table 10. Incident Total White Light Irradiance at Dock (map 2). Average Hourly Values (g cal/cm<sup>2</sup>/min.) and Daily Totals (g cal/cm<sup>2</sup>/day). June 1975

Hour					Day	of 1975					
of Day	152	153	154	155	156	157	228	159	160	19	162
0400-0200	8	ē.	ı	.02	5.	1	.00	0	5.	5	.02
0200-0600	.04	9	0.	.17	.12	90.	.15	<u>د</u>	91.	91.	.16
0000-0090	.03	.42	.36	.43	.32	.32	.39	A.	.43	.43	
0700-0800	60°	.70	.62	.70	ت. س	.67	29.	.68	69.	69:	92.
0800-0080	<u>ب</u>	.97	.79	95	m,	e.	.95	76.	76.	8.	.89
0000-10060	.21	<u>د</u> ھ	6.	9	.48	1.03	1.03	1.04	1.16	ထိ	1.00
1000-1100	.7	1.34	1.07	1.30	66°	1.03	.70	.92	1.05	1.25	1.23
1100-1200	.64	1.41	1.25	1.39	1.26	1.39	1.27	0	4.	1.25	1.27
1200-1300	.78	 	69.	e Gle	. 28	Ç.	1.54	8.	5.	<u></u>	69:
1300-1400	.56	1.28	.19	1.34	1.09	1.39	1.06	49	69.	55.	.51
1400-1500	.43	1.12	.64	86°	.97	.77	1.02	.34	09.	68°	.14
1500-1600	.47	.90	.88	92.	.42	69.	.89	. 52	.85	. 78	hono komo
1600-1700	.50	.61	60.	.57	.32	.67	.42	. 55	.62	G.	
1700-1800	<u>.</u> ت	.32	E.	.22	.16	.32	. 37	38	.32	.27	.07
1800-1900	.07	.08	. 08	90.	.04	.04	e Lama Lama	60.	.08	.10	.02
1900-2000	3		**************************************	85	-	*	98			ŝ	*
Total	289.8	712.8	508.8	9.789	496.8	595.2	634.8	512.4	601.2	632.4	424.8

Table 10. June 1975. (Continued)

accinomics			Alberta de la compansión de la compansió		· Day	ō		olio et tilaneepostas ventovenemone esto estensisti	and the first first state of the conjugate of the first state of the f		A SAME AND
	69	764	9	991	167	168	9	2		2	173
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	8.	5	9	~	<u>\$</u>	8	5	9	8	© F	<u>°</u> .
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	ė.	69:	ŝ	99.	8 mm	4.	ស្	e.	9.	2	
	9	96.	6	5.	4. ru	S.	5	.80 .80 .80	6	96.	50
	~	<u> </u>		<u>~</u>	8	\$	20.0	2	0	0	90.
	<u>.</u>	8.	CJ F	2	2	learne . • learne •	1.23	2	<u> </u>	5	. 23
	Ø3 ************************************	<u> </u>	<u> </u>	<u>۔</u> س	8	٠ ٢	٠ رن رن	0	<u>.</u>	4.	4.
	, t.		LO CO	<u>~</u>	2	2	2.	20.	keene keene keene Ege	© © Secretor	9
	<u>~</u>	8	ر. در در	<b></b>	9	2	9	₩,	0.	~	
	general general	8.	5	6	i,	5	<b>-</b>	99.	9.	faces for the faces of the face	Segrenas Bazantas - Bazantas -
	m 	\$		6	50	œ.	59.	₹. ∞	98.	6.	8.
	.07	4.	.23	Ç.	4.	9.	entro pouro g	5,	9.	89	3
		C.	8.	r r	e.	8	9	.00	8	8.	5
	5	September 1	60.	0	gricens graves	0	Ö	ŝ	50.	<u>~</u>	peans pinton 8
	Andrew Strategic Control of the Cont		9	98	Ŋ	3	•	8	•	5	anticopporation and positive or constraints contained and the second and the seco
	2000	642.0	634.8	636.4	467.4	0.009	5. 2.	540.0	653.4	728.4	9.969

a value includes some estimated hourly values.

Table 10. June 1975. (Continued)

	gestates		92		1 00	Day of 1975	180	82	
.10 .29 .24 .13 .42 .49 .24 .74 .47 .33 .92 .46 .34 .139 11.20 11 .25 11.31 11.05 .37 .22 .43 11 .34 .51 .80 .16 .68 .34 .09 .40 .32 .03 .13 .05			i		8	8	i	ŝ	
.10 .29 .24 .13 .42 .49 .24 .74 .47 .33 .92 .46 .34 .1.39 1.20 1 .43 1.36 .83 1 .25 1.31 1.05 .37 .22 .43 1 .34 .51 .80 .09 .40 .32 .09 .40 .32 .03 .13 .05	.09 .09		<u> </u>		70.	9,	6.	5	
. 13 . 42 . 49 . 47 . 47 . 47 . 47 . 46 . 46 . 48 . 92 . 46 . 136 . 90 . 11 . 139 . 1 . 20 . 11 . 20 . 11 . 31 . 34 . 51 . 80 . 34 . 51 . 68 . 34 . 32 . 05 03 13 05 01	.37 .28 .17 .04		5.		9	2	Ť.	O.	
.24 .74 .47 .33 .92 .46 .24 1.13 .90 1 .36 1.39 1.20 1 .43 1.36 .83 1 .37 .22 .43 1 .34 .51 .80 .16 .68 .34 .09 .40 .32 .03 .13 .05 .03 .13 .05	.64 .51 .36 (.11) <sup>a</sup>			æ	~	7.	9.	8	
.33 .92 .46 .24 1.13 .90 11 .36 1.39 1.20 11 .25 1.31 1.05 .37 .22 .43 11 .34 .51 .80 .16 .68 .34 .09 .40 .32 .03 .13 .05 .05 .05	.88 .66 .13)a		2	ret	22.	7		m.	
1 1.13 .90 1.20 1 1.30 1.30 1.30 1.30 1.30 1.30 1.30 1	1.09 .93 .90 (.15) <sup>a</sup>				m m	.02	9.	2	
1.39 1.20 1 1.36 .83 1 1.31 1.05 1.31 1.05 1.51 .80 1.51 .80 1.51 .05 1.32 .05 1.33 .05 1.34 .05	1.25 1.11 1.1726	·	.26	•	7.	learn learn (4,)	8.	5	
3 1.36 .83 1 7 .22 .43 1 .51 .80 .34 .34 .32 .05 .05 .05 .05 .05 .05 .05 .05 .05	1.33 1.20 1.24 .48		٠ 8			9	2	, m	
5 1.31 1.05 7 .22 .43 1 1 .51 .80 5 .68 .34 9 .40 .32 3 .13 .05 576.6 457.2 565	1.33 1.22 1.26 .46		9.		<b>.</b>	e	89	lune (A.) (A.)	
7	1.25 1.13 1.17 .61		Ç.		5	Sources Ch.J.	, ,	8.	
1 .51 .80 5 .68 .34 9 .40 .32 8 .13 .05 .01 .01 576.6 457.2 565	1.06 .99 1.00 .72	•	2		m.	S.	et.	Losens e facuro CAJ	
568 .34 9 .40 .32 3 .13 .05 .01 .01 576.6 457.2 565	.85 .51 .81		w.		₹.	LO.	8.	.92	
3 .13 .05 .01 .01 .576.6 457.2 565	.58 .51 .52 .32		w.		9	89.	T,	9.	
3 .13 .05 .01 .01 576.6 457.2 565	.31 .23 .11		0		50	. 4	e.	w.	
.01 .01	.09 .11 .02 .05		Ş		Ë	(Y)	5	2	
576.6 457.2	1000	kszellengőlendőspelmassű-spelmasminspe	e delicación estimation de sede establishe del periodo establisme de sede establisme del periodo establisme del pe		The state of the s	Ō	0	ē	
	670.8 569.4 568.2 231.6	23	garces		9.981	9.976	457.2	565.8	

a value includes some estimated hourly values.

Table 10. Incident Total White Light Irradiance at Dock (map 2). Average Hourly Values (g cal/cm<sup>2</sup>/min.) and Daily Totals (g cal/cm²/day). July 1975.

	2		ę.	TU Pare	<u>ç</u>		2	8	8	92.	89.	S.	.22	9	2	20.	Datasetymente	4
on the second second second	192		*			*	•	•	*	•	•	•	•	*	*	•	CS Commonwealth of the Com	3.7.
gradig desemple of the process of ASC of ASS more from the services	5	ŝ	2.	\$ ************************************	. 40	ATAO	ON	~	. 23	8	2.	5	E.	e e	ä	0	GED	
endropoeth i make a cur militare entre i ciù enach a colòre	8	8	8	. 29	9	8	9	S	7.	ë	Ċ.	D	4.	<u>د</u>	88	I-me	5	436.2
A STATE OF THE STA	5	*	6.			**************************************	0	2	(4)	© m	2	7	W.	8	. 28	9	880	540.6
TO DOWN THE LONG THE PARTY OF T	80	e Const	8.	<i>(</i> )	7	.24	<u>~</u>		r.	21.	\$	in the second se	m m	O T	L)	9.		9.000
y of 1975	8	9	90.	~	8	9.	keene s keene stoke	~	e .	8.	80,	8	8.	on G	8	60.	8	586.
Day	98		gamenia gamenia G	m 4.	S.	5.	\$	S.	2		9	Service Servic	9	ē.	Š.	e Section Section	5	653.4
elegen stephens (japonale neuroline) est et	50	<u> </u>	@ Summers Summers	. 29	9	8.	40.	58	~	8	co.	<b>S</b> .	2,000	2.	2.	CI.	B	486.6
	72	888	<u></u>	~	S.	86.98	8	2	(L)	6		8	5.	Q	20.	S.	Ě	724.8 602.4 486.
	83		***************************************	3.	.67	9.	5	~	<u> </u>	C C	beer 6.0		8.	9	Solpo Solpo Secon	(7) 	Ö.	
	182	Ö.	9	on on	8.	S.	2.	9	<b>X</b>	8	m.		Ö		<u>ج</u> بی	9	ē.	Total 738.0
2	of Day	0400-0200	0200-0200	00/0-0090	0700-0800	0060-0080	00001-0060	00-000	100-1200	1200-1300	300-1400	1400-1500	1500-1600	1000-1700	1700-1800	1800-1900	1900-2000	Total otal

Table 10. July 1975. (Continued)

	. 203	ŧ	.04	.26	.45	.85	.91	1.23	1.37	.79	1.25	been c	6.	59.	.35	60.	1	619.2
	202	ı	.08	.30	09.	.87	1.10		1.39	1.36	1.19	1.09	.73	r.	.28	.07	1	642.6
	201	1	60.	.33	. 56		66.	1.20	1.31	6.	1.15	.27	.18	34	.10	9.		504.0
	200	5.	01.	.23	.38	.28	4.	20.		Ö	88	89	. 59	.62	.30	.08		464.4
	199	ı	.07	.23	.37	. 59	1.06	lacent o lacens (A.)	1.18	9	92.	9.	. 95	. 59	30	.07	•	536.4
Day of 1975	198	5	90.	5	.38	50	. 59	.79	.47	6	.57	69.	09.	8	.27	• 00	1	378.0
Day	197	,	.13	.40	. 55	.59	. 55	74.	1.00	.52	.47	60.	.10	.21	.19	.10	3	322.2
	196	1	.08	. 23	.65	.52	.78	. 22	.89	. 2	.28	.46	.57	.21	.08	.04	8	435.6
	195	l	.0	• 03	.29	.29	.59	9	.49	rů rů	99*	.73	11.	.42	.16	.04		337.2
	194	ı	1	20.	.05	, Et.	.19	4	60.	<u>د.</u>	.26	.23	.28	.22	.05	. 90°	8	113.4
	193	ı	90.	9	.32	.28	91.	.57	.76	. 77	.46	.45	.79	. 64	.25	.07	ê	348.0
Hour	of Day	0400-0200	0200-0600	0000-0090	0700-0800	0800-0900	0000-1000	1000-1100	1100-1200	1200-1300	1300-1400	1400-1500	1500-1600	1600-1700	1700-1800	1800-1900	1900-2000	Total

Table 10. July 1975. (Continued)

														•				
	212	ı	60.	.33	©.	(.88) <sup>a</sup>	(.98) <sup>a</sup>	$(1.07)^{a}$	1.27	(L)	1.25	1.10	.87	09.	.32	60.	1	646.2
	211	1	.08	.29	.57	.87	berra e heve hone	1.27	1,35	ر د د	1.27	lame tame lame	.87	. 59	<u></u>	90.	t	0.999
	210	3	60.	. 33	ō	.89	1.12	1.29	.37	1.36	1.27	1.10	.87	09.	m.	.07	3	8.929
Day of 1975	209	8	90.	. 18	ŗ,	.77	96.	1.16	.93	60.	1.20	.75	.68	.27	.07	80.	8	522.0
Day	208	ŧ	01.	.35	79.	.91	<u> </u>	1.31	1.37	- 38	1.28	1.08	.85	.57	30	.07	1	679.2
	207	1	.12	.37	.67	.95	F	1.33	1.40	1.40	1.31	7.1	.91	.63	35	60.		710.4
	506	8	•04	4	.52	,		.63	.39	.50	.37	84.	.35	.17	80.	.03	1	
	205	1	.05	.12	.27	.77	0.	9	1.35	70.	1.17	.87	.67	. 53	0	.02	E	543.0
	204	5	.08	.33	.61	.86	1.09	1.24	1.32	1.29	1.23	1.07	.83	.55	0	.04	8	644.4
Hour	of Day	0400-0200	0200-0600	0000-0090	0700-0800	0800-0080	0000-1000	1000-1100	1100-1200	1200-1300	1300-1400	1400-1500	1500-1600	1600-1700	1700-1800	1800-1900	1900-2000	Total

a value includes some estimated hourly values

Table 10. Incident Total White Light Irradiance at Dock (map 2). Average Hourly Values (g cal/cm²/min.) and Daily Totals (g cal/cm<sup>2</sup>/day). August 1975.

Hour					Day	Day of 1975					Charles and Charles and Company
of Day	213	214	215	216	217	218	219	220	221	222	223
0090-0050	.05	.05	40.	.03	.02	.02	٠٥٠	.07	.02	.03	1
0000-0090	.25	.25	. 25	garees general #	.23	d Series Series	General Seconds	<u>e</u> .	.22	.21	.05
0700-0800	.54	ភ	. 51	.35	.37	.22	.37	.57	.50	.45	. 15
0800-0900		11.	11.	.74	.64	. 68	.82	.80	.79	.67	.30
0000-10060	1.01	. 98	5.	96.	.86	.73	.94	1.07	1.03	96.	.70
1000-1100	1.12	1.13	1.16	90.	1.00	69	.67	1.27	1.22	96.	1.04
1100-1200	1.23	.2	1.26	. 93	.85	٦.	.67	.35	ات س ات	.47	1.07
1200-1300	1.28	1.25	1.29	.87	1.00	.68	.45	1.34	1.28	.59	1.18
1300-1400	1.22	6.	7.	<u> </u>	6.	.63	ATAO	.05	1.27	09.	96.
1400-1500	1.08	1.05	1.09	1.05	1.06	.78	ON	1.01	1.04	.53	.86
1500-1600	80,	8	80	ಐ	11.	5	ភេ	44.	68.	.46	.64
1600-1700	.64	. 56	.62	.53	.59	.20	.49	.30	.61	.42	.19
1700-1800	.37	<u>س</u>	ee.	.30	7-	<del>ب</del>	.35	.29	.34	£.	.02
1800-1900	=	.08	.08	.02	.03	.03	.07	.12	60.	.05	0.
1900-2000	8	1	B	6	8	8	ı	8	ı	3	1
Total	635.4	610.2	630.0	537.6	508.2	342.0		599.4	636.6	391.8	430.2

Table 10. August 1975. (Continued)

	234	0.	.08	. 20					A7	AQ C	N					'	
	233	6.	.04	.22	ł	ATAG	ON	97.	.73	1.07	9.	. 6	.37	60.	.00	f	
	232	· 0	. 15	. 28	.37	.48	96.	.92	1.25	(Y)	9	.76	.44	.24	.03	ı	480.0
	231	90.	.27	.57	80	1.01	1.21	1.27	1.29	1.20	50.	.76	.55	.26	.04	1	620.4
	230	.05	.22	44.	79.	96.	1.01	1.26	1.30	1.18	. 93	.70	.4	.17	. 02	8	558.6
Day of 1975	229	.04	00	23.	0.0	.24	.31	.37	.33	.80	.78	.62	.31	e Emer	50.	9	265.8
Day	228	.03	.07	.27	.56	79.	.97	.89	.93	46.	7	.04	.00	.05	.02	8	333.6
	227	.00	.04	(.37) <sup>a</sup>	F	.72	.74	1.07	۳. س	90.	\$	.47	7.	.12	.02	8	410.4
	226	.01	.04	- Process Process Process	.12	939	.85	1.00	.86	.72	.49	99*	.36	9	.05		349.2
	225	.0	.15	800	.46	.47	.78	1.10	1.12	5	,74	.84	.55	.19	.03	t	469.8
	224	.01	91.	.45	.62	97.	1.21	96.	1.24	1.02	.77	.72	. 52	.26	90.	g	525.6
Hour	of Day	0200-0600	0020-0090	0700-0800	0800-0080	0000-10060	00011-0001	1100-1200	1200-1300	1300-1400	1400-1500	1500-1600	1600-1700	1700-1800	1800-1900	1900-2000	Total

value includes some estimated hourly values.

Table 10. August 1975. (Continued)

Hour					Day	Day of 1975				
of Day	235	236	237	238	239	240	241	242	243	
0200-0090	3	1	98	.03	.02	.02	5.	· · · · · · · · · · · · · · · · · · ·	1	
0020-0090				.21	.2	.22	7	r.	.00	
0700-0800				.45	.48	.51	.18	38	.02	
0800-0000			AT	.73	11.	.79	.52	.64	.03	•
0900-1000			AG 0	96.	1.02	1.03	80	Q,	9	
1000-1100			N	1.12	1.19	1.20	1.10	1.05	90°	
1100-1200	ATAG	ATAG		1.22	1.26	1.28	1.20	1.14	.05	
1200-1300	ON	ON		1.21	1.26	1.26	1.18	1.09	90°	
1300-1400			e(1.1)	bears bears (LL)	5	(1.17)a	70.	\$	9	
1400-1500			96.	96.	1.00	$(1.00)^a$	98.	.95	90°	
1500-1600			69.	.74	11.	11.	.51	.53	.08	
1600-1700			77.	.47	.49	.48	.24	.28	.04	
1700-1800			.20	.20	.20	.2	.22	.04	.02	
1800-1900			.02	.02	.02	.01	10.	.01	ı	
1900-2000	3	\$	8	1	\$	1	8	8	8	
Total			CJ.	967.0	591.0	0.765	491.4	493.2	31.8	
a value includes some estimated hourly val	es some	estimated	hourly va	Jues.						

value includes some estimated hourly values.

Table 10. Incident Total White Light Irradiance at Dock (map 2). Average Hourly Values (g cal/cm²/min.) and Daily Totals (g cal/cm²/day). September 1975.

Hour					Day	Day of 1975					
	244	245	246	247	248	249	250	251	252	253	254
0200-0600	ì	8	5.	ı	.00	ŧ	•	ı	ŝ	.00	ŝ
0020-0090	.01	.04	.20	.08	.17	.02	.00	.04	.08	.16	.07
0080-0020	.03	.08	.48	91.	.43	91.	60.	18	.36	44	.21
0800-0080	green.	.28	.73	.36	69.	.53	4.	ru L	.68	.72	8
0001-0060	.21	.34	1.01	.54	.92	.45	. 23	.47	.98	76.	ភេ
1000-1100	~	86.	0	<del>.</del>	1.06	09°	.30	99.	1.10	.98	06.
1100-1200	01.	.95	1.28	.61	1.15	99*	.27	.46	1.18	.49	06.
1200-1300	90.	.68	1.29	.84	1.21	.65	.28	09.	9.1	. 58	.41
1300-1400	91.	.38	1.22	٠.71	1.10	.50	6.	.59	٠. س	.79	.40
1400-1500	.12	.41	1.05	.83	. 93	.33	.15	.73	96.	.79	.42
1500-1600	8	04.	.72	9	. 68	9.	8.	.68	.74	.70	er.
1600-1700	.05	.38	.40	.30	.40	.22	.07	.37	.46	.40	, 4
1700-1800	ō.	80.	<u>e</u>	61.		.02	.02	.13	.18	.08	.02
1800-1900	9	5.	.01	.00	ı	1	1	ı	.00	.0	ı
1900-2000	•	8		3	1	ŧ	8	8	8	1	
Total	63.6	300.6	593.4	331.8	533.4	271.2	20.00	303.6	543.0	427.2	278.4

Table 10. September 1975. (Continued)

ţ				Day	Day of 1975					en incanjuación profita discussiva junta j	
Day of	255	256	257	258	259	260	561	292	263	797	265
0200-0090	8.	<u>e</u>	L)	0	S	8	8	ŧ	8	8	Î
0020-0090	granus granus	9	*	8	general general	2	9	8.	e.	8.	8.
0700-0800	2.	E.	C.	e.	person person	grans CF) *	7.	9	9	ė	<u> </u>
0800-0080	¥.	6.	96.	4	. 22	3	er.	8.	bear of	& Secure	7.
0000-0060	ů.	Parase Parase Parase	Survey Survey Survey Survey	Ş	8	<b>\odolog</b> .	9	e.	<b>a</b> .	S.	7.
1000-1100	8	3.	2	8	7.	Ç.	<b>~</b>	Ç	œ. •	e.	Ġ.
1100-1200	8.	000	~! ~!	800		Souther 0 Souther Souther	m m	.27	8	. 27	<b>T</b> .
1200-1300	4.	8.	bases (A.)	7.	ä	Ċ.	L)	82,		S.	S
1300-1400	9.	<u> </u>	96.	3	e.	. 82	Secretary (A.C.)	4.	8	2,	. 26
1400-1500	<u>~</u>		2	ď.	2.	8	e lense Cip.	å.	₹.	. 27	2
1500-1600	0.	6		.32	***************************************	5	<b>.</b>	2	7	₹.	9.
1600-1700	S.	9	6 Lenze	5.	<b>S</b>	<u>co</u>	5	8.	e N	<u>ه</u>	Ö
1700-1800	8	8	ı	ŧ	8	8.	<b>~</b>	9.	S	6.	1
1800-1900	â	8	ı	1	ı		1	ş	â	ğ	8
1900-2000		en de la companya de	100 Company of the Co	600		egyiniyye a aasaa aasaa a saabaa gaasaa aasaa aasa	An andrée a man commande de la contraction de la	Programe (descriptions) and an administrative process (	Angle and a managed and a state of the state	8	
Tota	232.8	483.0	0.725	00 00 00	0,00	454.2	38.	0.03	361.2	7.	7

Table 10. September 1975. (Continued)

	Construction of the constr															The second secon	
	de alle de elle elle antième de company de c																
	en de la companya de																
	273	ğ	.00	9	S.	-	Ď.	5	9	9	7.	æ.	.23	Ž.	ŝ		427.2
	272	î	8	<u>~</u>	8	8	ŧ.	~	<u> </u>	8	8	ro.	8	\$	•		7.69.7
Day of 1975	271	1	<u>e</u> .	8	79.	చా చా	5	<u></u>	S Secretarian Secr	3	\$	S.	82.	3.		8	483.0
Day (	270	ŧ	8.	(n)	ထို	80	8	- - -	8.	S.	9	64.	ĸ.	\$	ğ	ı	433.2
	569	ı	G.	LO F		50.	et F.	89	99.	ď.	\$	8	80.	8	. 9	8	
	268	â	i	5	9	7,	~	70.	e.	e.	0.	70.	o,	8	g	ı	2.2
	797	ı	9.	S		<u>د</u>	2	\$	2	7.	general general	<b>~</b>	Ō.	5	8	Û	0.20
	266	B	Ö.	<b>5</b> .	لاثا جسم	e.	٥	50	beene (A)	S.	9.	S	e.	Ç.	8	E	C.
20	Of Day	0200-0090	000-0090	0700-0800	0800-0080	0001-0060	001-000	1100-1200	1200-1300	300-1400	1400-1500	1500-1600	1600-1700	1700-1800	1800-1900	1900-2000	T o t a

Table 10. Incident Total White Light Irradiance at Dock (map 2). Average Hourly Values (g cal/cm²/min.) and Daily Totals (g cal/cm<sup>2</sup>/day). October 1975.

4001					Day	y of 1975					
of Day	274	275	276	277	278	279	280	281	282	283	284
0200-0090	1	1	ı	ı	1	1	ı	î	1	1	1
0020-0090	.02	.03	01.	.08	.07	.03	<b>5</b>	.04	Ō.	ı	ı
0700-0800	.12	Bases Bases	. 37	.27	.32	7.	.34	.21	.08	.02	.04
0060-0080	.21	.15	99.	09.	.54	.41	.48	.40	.08	.05	- -
0900-1000	.40	22	.89	.76	.61	.67	.75	.62	.05	50.	90.
1000-1100	.50	.25	1.03	76.	00.	.74	6	.89	80.	.14	.20
1100-1200	09°	.45	- - -	1.05	986	.78	.78	. 93	m m	.18	8
1200-1300	. 92	.78	1.10	1.01	.67	.80	.67	06°	bases bases	.21	.24
1300-1400	76°	.78	.97	96.	.82	.82	50.	80	90.	.25	.23
1400-1500	. 59	.76	.80	9/.	.58	.67	.44	.62	60.	.19	69°
1500-1600	.32	.55	. 54	.52	.40	.34	٣	.18	.08	.18	.43
1600-1700	.20	.27	.28	.26	7	.16	.12	.07	.03	.03	, tem.
1700-1800	.02	.04	.04	.04	.02	.00	.05	8	ı	ı	5
1800-1900	1	ı	ı	ı	1	1	1	1	1	ŧ	ı
1900-2000	*	8	1	1	*		1	48	88	1	
Total	292.2	263.4	473.4	436.8	369.0	334.2	333.0	344.4	48.0	80.4	137.4

Table 10. October 1975. (Continued)

Hour .					Day	Day of 1975					
of Day	285	286	287	288	289	290	291	292	293	294	295
0200-0600	1	1	ı	•	î	1	ı	ı	ı	ı	1
0020-0090	.05	.05	.03	.04	.03	t	.02	ı	.04	.04	.03
0080-0020	.28	.23	.24	. 15	60.	.03	.07	.03	.24	.24	.22
0800-0080	.54	74.	49	4.	panes , princis	.00	00	90.	25.	2	.47
00001-0060	.78	.75	.73	.67	.28	.08	.28	tume famo	69.	.72	.70
1000-1100	94	16.	.89	.87	. 23	60.	.44	.10	88.	88	. 84
1100-1200	69.	76.	. 93	.92	.42	.05	က်	.12	.97	: 95	06.
1200-1300	. 84	96.	.80	.92	.38	.08	.43	60.	.40	96.	88
1300-1400	96.	.84	.60	. 83	.26	60.	ch.	.21	.52	.79	.78
1400-1500	50.	.67	.42	99	(7)	5	.46	.24	0	.71	09.
1500-1600	39	44.	.30	.40	.19	.02	.22	.07	.26	.36	.36
1600-1700	.21	.20	lecon lecon	91.	.14	.00	.10	.02	90.	.13	14.
1700-1800	.02	.02	10.	.00	ı	,	ı	ı	,	5	.01
1800-1900	1	1	1		1	1	1	ı	,	1	ì
1900-2000			,			1		t		1	1
Total	377.4	390°6	333.0	364.8	146.4	33.6	193.2	63.0	285.6	376.8	355.8

Table 10. October 1975. (Continued)

Hour					Day	Day of 1975					
of Day	296	297	298	299	300	301	302	303	304		
0200-0600		ı	ı	1	1	1	<b>1</b>	1	3		
0000-0090	.02	ı	1	.02	ı	.02	5.	1	.03		
0700-0800	<u>co</u>	.02	.04	<u>.</u>	60.	tune Esp	lear CA	90.	.22		
0800-0080	(.45) <sup>a</sup>	°.04	71.	.26	0	77.	.38	.44	.46		
0001-0060	89.	10	91.	.35	.34	48	48	.61	69.		
1000-1100	.84	AT	.17	.35	.38	.73	.77	.8	.83		
1100-1200	6.	.Ad 0	.20	.33	.24	. 94	.72	. 97	06°		
1200-1300	68.	N	.12	.34	.24	97.	.49	.84	.85		
1300-1400	2	99.	.20	.30	.25	· France	44	.80	.74	•	
1400-1500	.59	. 56	.21	1.	.30	.49	.42	.63	. 58		
1500-1600	.36	.33	.20	01.	ence boses	<u>e</u> .	.15	.36	.32		
1600-1700	.14	bross bross	60°	.03	.04	60.	.08	.12	=		
1700-1800	,	.00	1	1	ı	ı	1	1	3		
1800-1900	ŧ	i	ı	ŀ	1	1	ı	1	1		
1900-2000	8		1	1	1	2	1	1	9		
Total	349.8		93.6	144.0	130.8	306.6	243.6	337.2	343.8		
a value incl	value includes some estimated hourly val	stimate	d hourly	Values							

value includes some estimated hourly values.

Table 10. Incident Total White Light Irradiance at Dock (map 2). Average Hourly Values (g cal/cm²/min.) and Daily Totals (g cal/cm<sup>2</sup>/day). November 1975.

Hour					Day	Day of 1975					
of Day	305	306	307	308	309	310	311	312	313	314	315
0200-0090	1	1	1	ŧ	ı	ł	1	1	1	8	1
0000-0090	.03		.02	.00	.02	.02	TAD	.00	5.	1	.01
0700-0800	.17	.02	6.	.08	38	80	ON	90.	.07	.03	11.
0800-0800	.42	.04	.52	.26	.40	7	.38	.23	15	.04	Entr
0000-10060	.70	.38	.68	.62	.64		.54	. 59	.26	90.	.64
1000-1100	.78	.24	.80	.75	11.		69.	.75	.25	.07	.78
1100-1200	.82	oe.	.57	.78	.82		.56	.79	.23	r.	.82
1200-1300	88	.79	19.	.82	.79	ATAC	.76	17.	.20	.22	.78
1300-1400	.58	.67	.36	69	.70	I ON	.35	.64	.17	.23	.67
1400-1500	£.	.50	.36	0	ភេ		.20	.45	7-	.21	.50
1500-1600	.22	.24	.27	.26	. 28		91.	.16	.07	.12	.26
1600-1700	90.	20.	.05	.04	90.		.03	.04	.02	.04	.05
1700-1800	1	1	<b>8</b>	i	,	1	î	1	,	î	ı
1800-1900	t _		1	t"	ı		í	ı		ı	ı
1900-2000	8	ŧ	ı	1	t	t	1	Ē	ı	98	
Total	300.0	198.6	294.4	287.4	310.2			269.4	94.2	70.2	305.4

Table 10. November 1975. (Continued)

202				-	Ş Da	Day of 1975					
Of Day	316	5	8	<u>o</u>	320	321	322	323	324	328	326
0200-0600	8	ij	ĝ	œ	8	Page 1	ŧ	g	8	8	8
0000-0090	5	8	eg .	ē.	<u> </u>	8	8	. 9	8	8	
0700-0800	3.	e e e e e e e e e e e e e e e e e e e	S	9	4			bases (A)	~	Ō.	2
0800-0000	Ž.	Ž.	o lences écolpo	9.	.36	~	9	<b>5</b>	en en		(T)
0900-1000	6	8	~	Ö	Š	9.	Ş	S.	ů,	70.	ů,
00-1-000	0	0	~	1	C.	C.		9	2.		22.
1100-1200	e Secondo Secondo	<b>9</b>	e.	Ö		08.	6.	S.	2	6	
1200-1300	9	term term	(n)	0	.78	ď.	9.	ë.	2	8.	S.
1300-1400	6	<u>ب</u>	97.	9	29.	S.	S.	9.	<b>5</b> .	incress (A.)	S.
1400-1500	99.	gestions generalism	e.	Z.	94.			<b>7</b>		90.	2
1500-1600	9.	9.	22.	si ru	77.	2.	7.	S.	2.	3.	8.
1600-1700	5	ē.	3	Š	<b></b>	\$.	8	90.	8	1	e.
700-1800	1	8	ŝ	8	ŝ	98	8	ı	8	ŧ	ŧ
0061-0081	ı	ŧ	ı	1	8		ŧ	9	8	Q.	ŧ
1900-2000			haar) yee dhaada way ay cabaadh an dhaadh an dhaach an dhaach	el asseptember a de sembre y desendant de mesmos de la celebra de la cel	Andrew Prince of the Assessment of the Assessmen	Andropen de Locales que activo de Constante de Septembro	schwoore - can amount in the thirt in the same state of the same s	general (registrate) maken meneral commence commence de seco	Openie in the second se	hand) kan ji passalara ya ya marana maka masa kan ji kan ja k	component or property of the control
ے د د د	4.	25.2	5	303.0	282.0	279.0	292.2	267.6	273.0	3.	246.6

Table 10. November 1975. (Continued)

												,					
e de la companya de l	334	ı	ı	90.	7	.40	.21	.22	.56	.54	.38	01.	.02	ı	1	to a	157.8
	333	ı	ı	.13	.35	.38	. 58	9.	.62	48	7	91.	.02		1	1	223.8
Day of 1975	332	,	1	paramo potonio	£.	.52	.67	.74	.70	9.	.42	.20	93	ı	· .		258.0 2
Day o	331	ì	1	.01	.02	- Emplo Feature	.12	.08	leaves functor	9	.07	lycon Loren	.02	1	1	8	48.6
	330	ı	1	7.	98.	.54	19.	.73	.64	09.	.41	.20	.02	î	1	1	258.6
	329	•	ı	.04	m	. 23	.26	.47	.37	.32	.30	.08	ŧ	,	ı	•	132.0
	328	1	ı	.03	gazzano gazzano	.39	.78	34	.32	7.	. 15	.12	.02	ı	1	1	120.0
	327	ı	1	.07	. 25	.39	.58	9	.33	9	01.	.03	1	1	ı	1	139.2
Hour	of Day	0200-0600	0000-0090	0700-0800	0800-0000	0000-1000	1000-1100	1100-1200	1200-1300	1300-1400	1400-1500	1500-1600	1600-1700	1700-1800	1800-1900	1900-2000	Total

180

Table 10. Incident Total White Light Irradiance at Dock (map 2). Average Hourly Values (g cal/cm²/min.) and Daily Totals (g cal/cm<sup>2</sup>/day). December 1975.

Hour					Day	Day of 1975					
of . Day	335	336	337	338	339	340	341	342	343	344	345
0090-0050	1	1	ğ	1	8	8	ı	8			1
0000-0090	î	1	8	1	1	R	1	ŧ	ı	š	1
0700-0800	5.	.04	.05	.03	.08	.05	.05	ı		.04	.03
0800-0080	.03	.22	barra Cripo	01.	.30	.25	5	90°	.02	.21	.26
0900-1000	.05	.54	.34	.25	.48	.23	.36	.08	. 02	.47	.45
1000-1100	.26	69.	.52	.72	.64	.52	.44	01.	.05	.58	09.
1100-1200	.47	.75	.75	.71	.70	.48	.42	E.	.07	.53	69.
1200-1300	.75	. 73	59.	69.	69.	09:	.26	 (J)	© Immon function	.35	99°
1300-1400	79.	్ట్	5	ů, œ	8	24.	.20	8.	5.	.29	8
1400-1500	.46	.40	.45	.42	.43	.26	.12	01.	, 0°	.12	.4
1500-1600	.24	.26	.22	.21	.21	8	90°	90°	0.	.00	.05
1600-1700	.04	.04	.04	.04	.03	.02	0.	.01	ŧ	0.	.02
1700-1800	ı	ı	1	,	ı	ı	1	,	1	š	1
1800-1900	ı	1	ı	ı	ı	1	1	ı	ı	1	ı
1900-2000	2	1		i i i i i i i i i i i i i i i i i i i	***			8		8	8
Total	177.0	253.2	223.8	225.0	249.6	180.6	124.2	0.	23.4	160.2	225.0

Table 10. December 1975. (Continued)

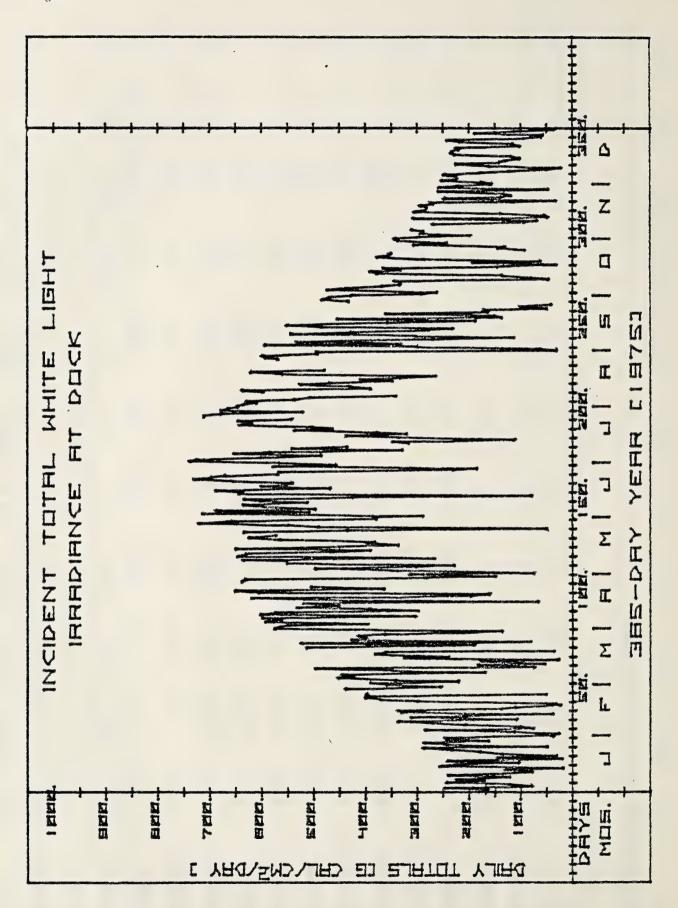
	356	ı	1	.03	=	9	4	.45	.29	.19	5	60.	.05	1	1	,	9.7
i i				. 2	_		et-	genta.	2	2	m	رم د	, married				
	352	8	998	.02	•	.26	.24	.24	.32	.25		90.	.00	ı	1	8	102.0
	354	1	ī	.05	.25	.36	.49	۲۷.	.70	. 59	.44	7	.02	1	ı	8	225.0
	353	1	ŝ	90.	m m	39	.35	69.	.71	.62	.45	.23	.04	8	î		220.2
	352	t	ı	.02	.24	67.	.64	.74	99.	.42	.45	61.	.02	ı	ı		232.2
Day of 1975	351	1	1	60.	.37	.49	.63	69.	.67	.63	.25	.10	· 0	1	i	8	235.8
Day	350	ī	ı	.02	.23	.51	.56	.73	.72	. 53	<u>.</u>		.02	î	ı	1	228.0
	349	t	8	.04	<del>د.</del> س	.25	.34	.43	.26	.30	<u>ಗ</u>	90.	.01	t	f	3	118.2
	348	1	ī	.00	.08	<u>.</u>	91.	.26	.32	.49	-	.04	.01	t.	1	î	103.2
	347	1	ŧ	.00	.04	60.	.17	. 28	44	.59	.40	٠. ت	.03	î	ŧ	8	132.0
	346	1	î	.07	.27	.45	19.	.57	.26	60.	7	.02	1	ı	1	•	142.8
Hour	of Day	0090-0050	0020-0090	0700-0800	0800-0080	0000-1000	1000-1100	1100-1200	1200-1300	1300-1400	1400-1500	1500-1600	1600-1700	1700-1800	1800-1900	1900-2000	Total

Table 10. December 1975. (Continued)

Hour					Day	Day of 1975				
of Day	357	358	359	360	361	362	363	364	365	
0200-0600	1	,	1	ŧ	8	ı	8	ı	1	
0020-0090	1		1	1	ą	,	i	ı	ı	
0700-0800	Ş	8	.02	Ö	.02	5.	Ć.	5	5.	
0800-0800	71.	.26	60°	.01	.21	.07	90.	50.	.02	
0900-1000	77.	.48	5	.02	4.	.37	7.	.12	.05	
1000-1100	9,		.23	60.	7	.55	.20	\$	80.	
1100-1200	.70	69.	.30	. 13	m m	.64	.18	.12	.12	
1200-1300	.68	99°	.37	91.	60°	.51	.30	beer beer	Ε.	
1300-1400	.65	. 56	0	luores luores	.00	5.0	.40	ē.	80°	
1400-1500	. 29	.45	7.	.30	.08	.23	.43	90.	0.	
1500-1600	.07	. 23	90,	.23	.05	. I.3	.18	.02	.03	
1600-1700	.02	.04	5.	.02	ē.	.03	.02	1	(.01) <sup>a</sup>	
1700-1800	1	1	1	1	i	1	i	1	,	
1800-1900	1	ı	1	1	ı	1	1	1	,	
1900-2000	3	1	\$	1	8	1	ï			
Total	217.8	241.8	95.4	61.2	56.4	187.8	115.2	37.2	33.0	

a value includes some estimated hourly values.

Figure 7.



## Weather Station Data (map 2)

% Relative Humidity and Air Temperature - Measured using a Hygrothermograph - Belfort Instrument Company.

<u>Barometric Pressure</u> - Measured using an aneroid type barometer. <u>Microbargraph</u> - Belfort Instrument Company.

Rainfall - Measured using a weighing rain gauge - Belfort Instrument Company at the weather station and manually read, total event gauges at other locations.

<u>Evaporation</u> - Measurements are taken of the amount of water evaporating from an open pan. Wind run adjacent to the pan and maximum/minimum temperatures of the water in the pan were also taken.

Principal Investigator: Daniel Higman, Smithsonian Institution.

Research Funding: Smithsonian Institution.

Table 11. Weather station data

Day of	Relative	Relative Humidity	Air Ten	Air Temperature	Barometri	Barometric Pressure
1975	Max.	" Min.	Max.	Min.	Max.	mer cury
para	1	ı	•	1	759	753
2	92	21	7.8	-5.6	770	759
ന	94	0	6.7	-6-1	768	756
4	94	36	7.8	2.8	763	756
r,	06	30	6.7	-5.0	770	763
9	96	46	6.7	-6.7	770	760
7	94	42	9.4	-2.8	765	760
œ	98	29	7.8	-2.8	764	750
on .	95	9	8	Đặ	763	5
0	88	72	9.01	3.3	762	752
=	94	48	17.8	7.8	992	755
12	06	<del>ا</del>	10.0	2.8	757	754
23	94	48	2.2	-2.2	765	757
7	09	98	2.2	-7.8	992	763
ro C	06	32	1.7	-11.7	191	762
16	06	36	3.9	-5.0	774	191

Table II. (Continued)

7 و و	×a×.	e esta de la companya	Max	gen Seen gen gen gen denne	E X	Tercur, Marketter Markette
Œ	7	8	en en	رب س	8	8
)	96	S		-2.5	~	726
·	96	R	0.0	0	758	- Z
50	25	C	4	,	765	T S
2	98	9	9 0-	59	715	765
22	8	5	o,	7	772	69/
23	80	S	80.	9.	772	99/
24	80	99	ຜູ	-5°-0	99/	755
5	96	5	<u>.</u>	ry O	722	738
26	5	58	ස ග	ci ci	743	758
27	©) ©)	\$	<u>ස</u>	prime i	992	758
28	82	23	© .	Betton @ Beston	992	763
53	46	S	23.3	0.0	763	
8	80	42	m m	lacens a	191	200
<u></u>	8	80	on m	g Bosene Grasses		992
32	೮	89	9.0	9.0	L broa	697

Table 11. (Continued)

Day of	Relative	tive Humidity %	Air Ten	Air Temperature	Barometri mm of	Barometric Pressure mm of Mercury
33	92	99	Pance 6 Pance	-3.9	177	769
34	92	36	3.9	5.6	773	770
35	96	40	0.0	-7.2	977	764
36	96	84	2.2	0.0	764	752
37	96	09	10.0	barne 0 Serve	753	751
38	95	32	2.2	-5.6	763	753
39	88	26	7.8	-8.9	764	760
40	82	40	6.7	-5.6	992	757
4	86	36	0.0	1.	692	762
42	92	42	8.9	0.0	762	757
43	96	62	2.8	-3.3	092	752
44	95	32	1.1	-3.3	762	755
45	06	91	4.4	-5.6	765	762
46	94	46	3.3	1.9-	768	763
47	95	09	8.9	9.0-	763	759
48	86	86	5.6	;— :	762	757

Table 11. (Continued)

	Relative Humidity			10	Barometr	Barometric Pressure
Day of 1975	Max.	, , , , , , , , , , , , , , , , , , ,	Max.		Max.	mm of Mercury
24	QJ FQ	80	C.	c,	758	5
20	ਨ	40	C.	9	S	749
rv fores	25	9	7.2	ů, w	762	758
52.	8	8	Ci Ci	5.2	769	792
ന	25	8	2	J.	59	762
ej Lo	<b>핫</b>	9	<u>ب</u>	c.	19/	723
n n	8	9	200	<u>ه</u> س	752	746
Ç,	9/	56	2	က်	754	746
2	20	٩	7	Boome & Summo	760	79
28	900	9	0	-2.8	59	758
29	8	<del>t</del> e	0	Become ® Dayson	9	S
09	96	56	ro C	feering feering	72	750
gueera (C)	28	9	2	-2.2	752	749
29	et LO	8	2.2	8.	759	752
63	9	8		ů,	763	736
64	đ,	8	w w	8	99/	200

Table 11. (Continued)

	Dolativo	Humidity	Mar Vin	avatura	Rarometric	Raromatric Pracellra
ay of		S		200 X	mm of N	nm of Mercury
	max.	MID.	мах.	MIN.	мах.	the same of the sa
	94	20	18.9	2.2	763	758
99	06	30	17.8	4.4	192	747
	58	30	10.0	-3.3	760	747
	72	20	5.0	-7.2	191	760
	86	44	2:2	4.4	992	759
70	96 52	52	5.6	0.0	992	760
	94	76	7.2	3.3	992	756
	94	42	<u>د</u>	4.4	762	753 .
	94	78	4.4	9.0	762	751
	1	ı	ı	1	692	755
	ı	Ē	ì	8	771	764
	78	32	12.2	2.2	992	192
	96	46	1.1	-2.2	770	762
	93	84		7.2	762	743
79	92	22	15.6	9.4	755	743
80	. 26	20	16.1	2.8	092	755

Table 11. (Continued)

Day of 1975	Relative Max.	tive Humidity % Min.	Air Tem Max.	Air Temperature 0 C Max. Min.	Barometri mm of Max.	Barometric Pressure mm of Mercury Max. Min.
81	88	40	18.9	7.8	757	745
82	80	24	17.2	4.4	757	749
83	94	22	14.4	6.1	757	746
84	9	20	7.0	7.8	756	748
85	54	34	7.8	=	762	756
86	09	56	6.7	-3.3	773	692
87	76	56	7.8	-1.7	768	192
88	98	48	13.3	5.6	192	749
89	\$6	36	12.2	т. т.	752	749
06	64	22	12.2		192	752
10	58	91	20.0	4.4	759	757
92	06	36	17.8	2.8	761	750
93	94	30	15.0	3.3	750	736
94	46	24	6.7	0.0	756	747
95	44	28	5.6	-1.1	758	ı
96	54	22	Success League 4 League League	paren 1	758	757

Table 11. (Continued)

	Relative Humidity	idity	Air Temperature	ature	Barometric Pressure	ssure
1975	Max.	Min.	Max.	Z.	Max.	Min.
97	20	36	16.7		758	757
86	62	97	14.4	2.2	191	758
66	. 08	. 54	13.9	-2.2	763	759
100	06	42	8.9	9.0	759	756
101	94	26	-	-1.7	758	755
102	06	20	loves loves e losse	9.0-	762	756
103	06	. 88	12.2	-2.2	792	762
104	94	30	14.4	9.6	692	762
105	94.	99	7.8	5.0	762	757
901	92	34	13.9	3.9	759	757
107	80	56	17.8	4.4	760	758
108	88	Ž,	15.0	5.0	759	751
60	86	40	24.4	13.3	755	748
beens CO	52	56	17.8	4.6	763	755
	78	24	21.1	. 2.2	768	764
lenne C/	86	32	12.2	0.0	772	768

Table 11. (Continued)

Day of 1975	Relative Max.	Humidity Min.	Air Tem Max.	Air Temperature 0 C Max. Min.	Barometri mm of Max.	Barometric Pressure nm of Mercury Max. Min.
ienen (A.)	ස	(T)	<u>ه</u>	2.2	69/	759
karas karas Karas Karas	S	4	0.00	4	747	723
hences hences (*C)	8	26	CV Promo Promo	S.	2	750
<u>پ</u>	92	56	0	9	8	756
	80	24	9	Breezes 0 Earling	99/	761
600 CO	8	32		ಜ	9	755
laren Caraca Caraca	6	9	S.	8	762	72
2	8	2	Ö	0	792	292
tanno C/ tanno	\$6	89	0	5	764	192
22	63	20	0.00	ص ش	762	92
123	85	ಕ್	20.0	S.	792	756
77	94	99	9	0	756	749
22	85	S	S.	7.2	757	[C]
126	96	20	0	9	758	5
2	ති	89	9	٠ •	992	5
128	8	28	22.2	2.9	762	761

Table 11. (Continued)

	Relative Humidity	midity	Air Temperature	ature	Barometric Pressure	ssure
Day of 1975	Max.	ž.	Max.	m in	mm of Mercury Max.	Z Z Z Z Z
129	93	26	20.0	8.3	763	761
130	86	26	22.2	=	762	759
131	96	28	22.2	6.7	760	758
132	94	50	22.2	10.0	758	756
133	94	48	22.2	11	758	755
134	06	34	25.6	11.7	760	758.
135	94	46	24.4	11.7	759	756
136	. 76	58	23.3	13.3	191	754
137	94	48	22.2		764	192
138	94	. 09	22.2	12.8	761	757
139	06	50	24.4	15.6	758	756
140	94	44	27.8	13.3	759	757
141	92	38	32.2	15.6	759	756
142	25	50	30.0	20.0	761	756
143	92	40	28.9	18.3	759	756
144	95	50	28.9	17.8	757	756

Table 11. (Continued)

	Relative Humidity	idity	Air Temperature	ture	Barometric Pressure	saure
1975	Max.	€ general displayers of the second of the s	Max.	of person of the second of the	Max	
<u>~</u>	76	<b>a</b>	-	٠ ٥	763	72
<b>4</b>	06	09	4.	from G.	763	755
747	06	9	٠ 5	φ.	756	755
82	6	56	. 22	<i>(</i> )	092	121
149	76	T.	27.00	9.0	762	759
9	8	8	52.0	0.00	759	75
lumo PO lumo lumo	8	8	27.8	20.6	25	753
152	88	8	25.0	0	758	25
ر س س	8	8	9.	laren G	762	2
المارية من المارية من المارية	8	999	4.	7.99	ŝ	98
55	8	ş	27.2	2.8	756	754
156		88	27.8	∑ ∞	754	749
157	8	99	° 82	0.	749	747
82	,	ŧ	22.8	٠ س س	752	747
(C)	8	ŧ	COT Season Season Season	lemen e e e e e e e e e e e e e e e e e e	759	22
09	8	ŧ	<u>م</u>	9.	764	250

Table 11. (Continued)

40	Relative Humidity	lumidity	Air Tem	Air Temperature	Barometric Pressure	Pressure
1975	Max.	Min.	Max.	C Min.	Max. Mercury	ercury Min.
191	1	1	24.4	16.1	992	765
162	ŝ	1	23.3	12.8	766	761
163		8	21.1	16.7	192	756
164	1	8	28.9	17.2	757	756
165	1	ŧ	29.4	15.0	758	756
166	•	8	29.4	17.8	757	756
167	ı	ŧ	28.9	18.3	760	756
168	,	1	28.9	18.3	197	092
169	1		3.	20.0	762	759
170	,	8	33.3	9.8	762	758
ולו	1	ŧ	31.1	21.1	762	758
172	1	8	27.8	14.4	992	762
173		8	26.7	12.2	768	765
174	1	8	31.1	17.2	992	765
. 521	1	ı	32.2	18.3	592	762
176		Ē	31.7	21.1	763	192

Table 11. (Continued)

	Relative Humidity	Humidity %	Air Tem	Air Temperature	Barometric Press	Barometric Pressure
1975	Max.	M. In	Max.	z Z in	Max.	Min.
177	ı	1	24.4	19.4	764	763
178	â	ī	24.4	20.0	763	59/
179	ā	1	27.8	19.4	762	761
180	ı	ŀ	27.2	18.9	762	761
181	t	ı	26.7	18.9	763	761
182	3	I	27.2	12.2	765	764
183	1	1	(L)	11.7	764	760
184	1	1	32.8	17.8	092	756
385	ı	1	27.8		757	755
186	ı	ı	29.4	17.2	757	755
187	ı	1	28.9	16.7	757	755
188	ı	1	24.4	17.2	226	753
189	8	ı	28.3	18.3	755	753
190	ı		32.2	18.4	754	752
161	ŧ	ı	30.0	17.8	754	75
192	ı	1	25.6	17.2	755	753

Table 11. (Continued)

	Dolativo	H.midity	Aiv Tom	owa timo	Paromotor.	Paromotuic Drocento
Day of		5				mm of Mercury
19/5	Max.		Max.	M.n.	Max.	M.
193	ı	1	25.6	18.9	758	754
194	i	1	23.3	20.0	761	757
. 65	ŧ	ı	26.7	22.2	764	762
196	ı	1	27.8	CA learner	765	762
197	1	ŧ	26.7	21.7	992	764
198	1	8	29.4	21.1	765	763
199	ı	8	30.6	20.0	764	761
200	ı	8	30.0	21.1	761	758
201	ı	·	31.1	22.2	758	755
202	1	8	30.0	21.1	756	754
203	1	2	30.0	18.9	760	758
204	ı	ı	31.7	17.2	761	759
205	ı	89	30.6	21.1	092	756
206	^1	1	27.8	19.4	758	756
207		8	25.6	20.0	762	759
208	ŧ	1	27.8	12.2	197	757

Table 11. (Continued)

9	Relative Humidity	Humidity	Air Tem	Air Temperature	Barometri	Barometric Pressure
1975	Max.	Min.	Max.	. Min.	Max.	x. Min.
209	š	ı	32.2	19.4	758	756
210	8	ı	30.0	17.8	763	761
211	. 3	ŧ	30.6	15.6	765	763
212		•	31.1	17.2	765	763
213	ŧ	i	33.3	17.8	764	760
214	8	ı	35.6	20.0	760	757
215	ğ	ı	35.0	20.0	758	756
216	8	ī	35.6	21.1	758	756
217	1	ł	(A) Frame	2	757	755
218	â	ŧ	28.9	18.9	757	754
219	, 1	1	30.6	15.6	757	738
220	t	1	27.8	12.2	765	745
221	3	1	<u>.</u>	20.0	764	692
222	1		28.9	16.1	692	759
223	ı	1	30.6	19.4	758	756
224	ŝ	1	31.7	17.8	759	758

Table 11. (Continued)

	Relative	Relative Humidity	Air Tem	Air Temperature	Barometr	Barometric Pressure
Day of 1975	Max.	% Min.	Max.	o C Min.	mm of Max.	Mercury Min.
225	ľ	1	32.2	21.1	761	759
226	ŧ	1	30.6	21.1	192	758
227	1	1	28.3	22.2	760	758
228	ı	1	30.0	23.3	759	757
229	1	ì	29.4	21.1	758	756
230	1		31.1	20.6	092	758
231	1	1	27.8	19.4	692	761
232	1	ì	26.7	17.8	765	761
233	ı	ì	28.3		992	197
234	ı	1	30.6	23.3	762	760
235	8	1	24.4	20.0	992	762
236	ı	1	<u>.</u>	20.6	764	759
237	1	1	34.4	20.6	759	758
238	1	ı	34.4	21.7	762	759
239	1	ı	30.6	17.8	992	762
240		ì	28.9	15.6	768	764

Table 11. (Continued)

	Relative Humidity	midity	Air Ten	Air Temperature	Barometri mm of	Barometric Pressure mm of Mercury
-	riax.		Max.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Hax.	
	1	ı	28.9		765	09/
	Q.	. 1	32.2	19.4	092	757
	í		22.8	17.2	762	759
	ı		19.4	18.3	761	758
		1	25.0	18.3	759	757
·	ı	1	24.4	<u>د</u> و و د	760	757
	1	1	27.8	13.9	197	759
•		1	25.6	13.3	762	759
6		•	27.2	19.4	761	758
•		3	20.0	16.1	764	192
			26.7	16.7	764	763
•		1	24.4	10.0	768	763
		,	22.8	8.3	892	765
•		,	25.6	:13.9	765	758
•		1	27.8	13.9	758	752
	ŝ	ŝ	18.9	7.8	765	759

Table 11. (Continued)

Ire	ء ج	9		62	25	0	6	2	8	. 09/		9	0	88	0	25	4
Pressu	ercury	766	1	763	762	760	759	757	758	9/	758	756	760	758	759	762	764
Barometric Pressure	mm of mercury																
Bar	Max	177	1	797	764	764	760	759	761	764	760	760	762	160	762	764	992
Je Je	٠	4.	6.1		10.0	4.4	18.3	20.0	12.8	12.2	14.4	15.6	17.2	18.9	12.8	10.01	7.2
Air Temperature	Z E			<u></u>	=		~~	2			_	graum.	· Promo	=	Incom		
Air Ter	Max.	25.6	24.4	20.6	23.3	26.1	23.9	28.9	20.6	22.2	15.6	2	21.7	23.3	23.3	21.7	23.3
														•			
idity	ž.	ı	ı		ı	,	ı	ì	ŧ	1		ı	ı	1	1	1	ı
Relative Humidity	9														r		
Relat	Max.	1 ,	ì	ı	1	,	1	•	3	1	1	1	ı	•	1	1	t
4	Jay of	257	258	259	260	197	262	263	264	265	566	267	268	269	270	173	272

Table 11. (Continued)

4	Relative	Relative Humidity	Air Tem	Air Temperature	Barometr	Barometric Pressure
1975	Max.	Min.	Max.	ر Mi	Max.	Mercury Min.
273		1	25.0	10.0	765	763
274		Î	24.4	kenen kenen e benne	792	757
275	1	1	17.8	6.7	768	756
276	•	3	17.2	2.2	772	768
277	1	ř	21.7	3.9	770	768
278	t	ı	23.3	6.7	764	762
279	ı	ŧ	25.6	12.2	764	760
280	1	t	19.4	7.2	992	762
281	ı	ŝ	22.2	5.6	765	764
282	,	1	16.7	14.4	764	763
283	ı	3	22.2	13.9	765	763
284	ı	1	21.7	13.3	763	758
285	,	1	18.9	6.8	763	759
286	•	l"	25.6	7.8	764	759
287	•	ı	28.9	12.2	092	758
288	94	99	30.6	14.4	759	756

Table 11. (Continued)

D	Relative Humidity	dity	Air Temperature	ature	Barometric Pressure	ssure
1975	Max.	E	Max.	Min.	Max.	Min.
289	92	46	20.6	13.3	761	756
290	96	72	18.9	9.4	762	752
291	94	80	21.7	16.7.	756	750
292	94	82	16.7	14.4	758	756
293	86	42	14.4	7.8	757	755
294	86	30	22.8	9,0	192	757
295	96	32	26.7	7.8	758	757
296	98	40	25.0	6.7	092	740
297	86	89	21.7	8.3	768	763
298	76	72	20.6	<del>ر</del> س	763	758
299	96	20	16.7		763	758
300	88	99	15.0	9.01	764	762
301	86	. 99	20.0	6 0 1	765	763
302	86	44	20.0	9.4	763	092
303	93	43	12.8	9.0	692	092
304	96	28	9.4	-3.3	772	762

Table 11. (Continued)

Day of	Relative Humidity	nidity	Air Temperature	ture	Barometric Pressure mm of Mercury	sure
1975	Max.	wim.	Max.	Min.	Max.	Z.
305	86	28	9.0	-2.8	770	292
306	92	40	18.9	-	992	765
307	86	40	22.2	ۍ 0	766	763
308	76	34	24.4	7.8	764	762
309	26	30	24.4	7.8	764	762
310	86	40	20.0	5.0	992	763
(A.) Second	96	46	22.2	9.4	763	758
312	94	40	26.1	13.3	760	757
313	86	06	16.7	Euroro Busoro Euroro	763	761
314	86	32	20.0	12.2	762	756
315	60	30	5.6	т т	765	759
316	95	. 99	14.4	3.3	763	752
317	ರಾ	50	12.8	9.0	751	751
318	99	40	5.6	0.0	760	750
319	74	. 82	10.6	9.0-	763	737
320	94	30	16.7	9.0	765	19/

Table 11. (Continued)

	Relative	Relative Humidity	Air Tem	Air Temperature	Barometri	Barometric Pressure
Day 07 1975	Max.	% Min.	Max.	C Min.	Max.	Mercury Min.
321	94	40	15.6	-2.2	692	992
322	80	32	20.6	0.0	768	992
323	96	40	18.9	2.2	768	197
324	98	36	20.0	1.7	763	756
325	94	42	15.6	3.9	757	750
326	92	42	8.0	-2.2	167	757
327	86	20	4.4	-3.9	770	765
328	96	45.	6.7	-3.3	765	760
329	86	46	7.2	۳ ش ع	765	760
330	88	42	7.8	-5.0	770	764
331	94	44	12.2	2.8	764	757
332	96	38	8.9	ش. د.	772	762
333	86	36	8.9	4.4	775	1771
334	98	09	13.9	9	1771	758
335	88	34	16.1	-3.9	992	756
336	06	34	6.7	-4.4	992	760

Table 11. (Continued)

	Relative Humidity	dity	Air Temperature	ture	Barometric Pressure	sure
1975	Max.	Min.	Max.		Max.	Zin.
337	76	32	2.9	9	768	760
338	96	38	9	-7.2	177	768
339	86	58	12.2	-3.9	770	99/
340	98	40	16.7	-2.8	992	69/
341	86	46	5.6	-	692	768
342	98	56	14.4	1.7	992	19/
343	66	. 86	14.4	2.2	777	19/
344	94	46	5.6	0.0	758	752
345	80	person of	œ 	4.4	167	758
346	98	09	6.7	-5.0	771	191
347	96	28	10.6	9.0-	774	177
348	86	05	7.2	9.0-	774	765
349	88	. 09	17.8	5.6	292	754
350	06	36	13.3	-3.3	765	759
351	86	20	ϡ3	-5.6	764	755
352	95	32	2.2	-7.8	292	754

Table 11. (Continued)

Day of	Relative	Relative Humidity	Air Temp	Air Temperature	Barometric Pressure	Pressure
1975	Max.	Min.	Max.	Min.	Max.	Min.
353	70	24	2.2	-10.0	768	764
354 ~	78	28	5.0	-5.6	768	197
355	06	56	barre 6 barre	-3.9	763	759
356	99	44	9.0-	4.4	759	756
357	68	24	3.3	4.4	992	760
358	78	42	-2.2	-8.9	177	766
359	98	56	0.0	1.9-	177	761
360	86	89	10.0	9.0-	761	749
361	94	62	3.3	-3.9	762	754
362	96	40	3.3	-5.6	692	762
363	89	54	3.3	-2.2	177	992

Figure 8

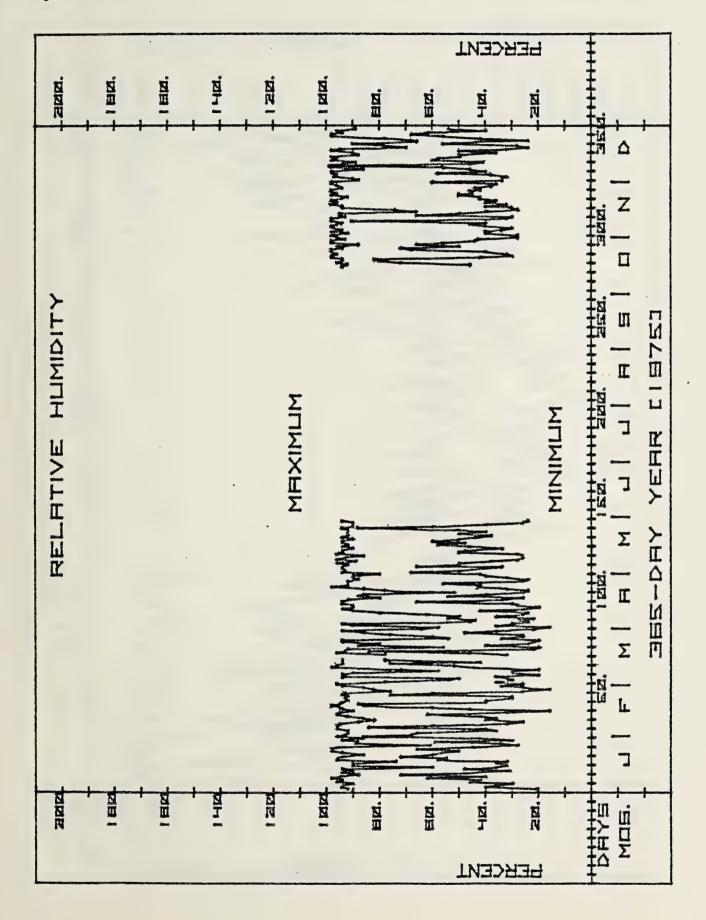
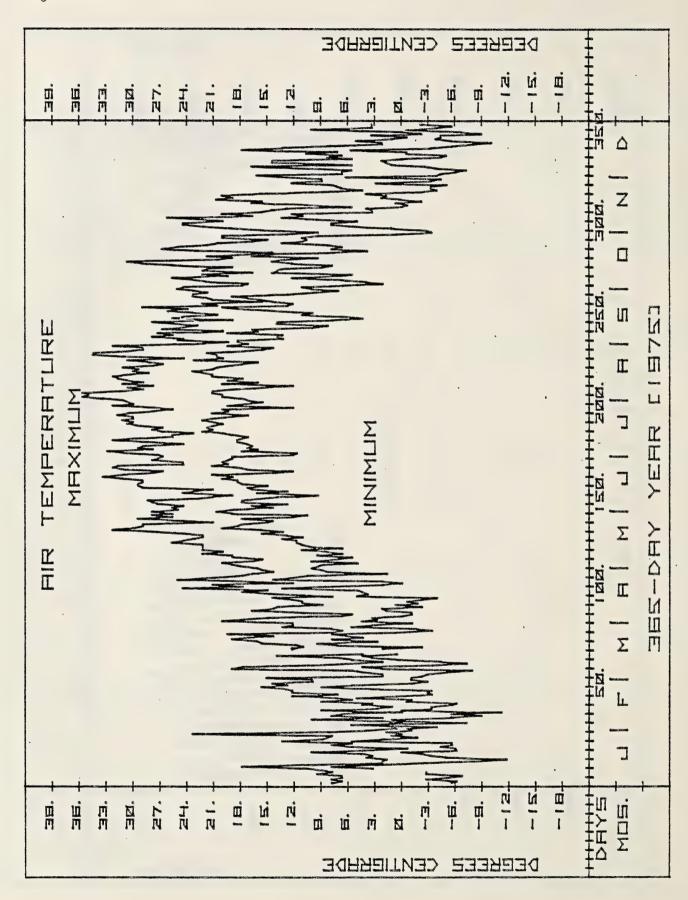


Figure 9



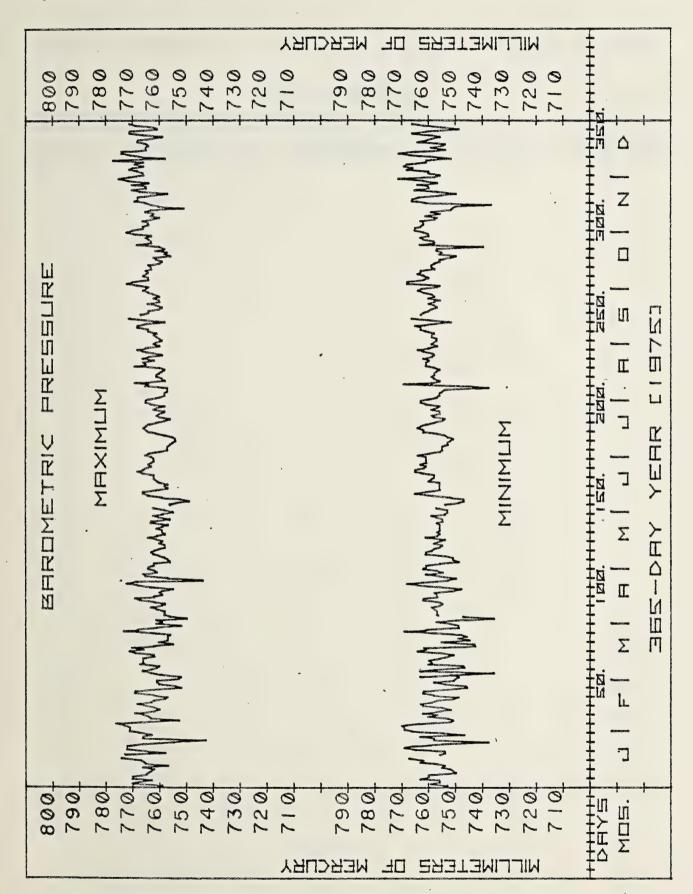


Table 12. Rainfall

Day of 1975	a Makambar Maria sa Maria Kata a cada Arminin a sistemang nahalip ya manahalin sa Arminin Maria Salahan Salah			
1975	Central	South West	South East	North West
1	0.89	-	-	-
2	-	-	-	-
3	-	-	-	••
4	-	-	-	œ
5	-	-	-	
6	1.65	-	•	•
7	<u>-</u>	-	-	•
8	1.24	-	-	de
. 9	0.08	-	-	
10	-	-	-	
11	0.10	-	-	œ
12	0.08	-	-	-
13	2.21	-	-	•
14	-	-	-	•
15	-	-	-	•
16	-	-	-	<b>sal</b>
17	-	-	-	
18	1.37 -	-	-	168
19	0.94	-	-	190
20	1.30	-	-	csia
21	-	-	-	•
22	-	-	-	688

Table 12. (Continued)

Day of 1975	Central	South West	South East	North West
23		· •	· -	-
24	0.08	œ.	-	-
25	0.46	-	-	-
26	-	-	-	-
27	-	•	· -	-
28	-	-	-	-
29	-	- ,	, <b>-</b>	· . — ea
30	0.05	-	-	
31	0.58	~	-	-
32	0.15	-	-	-
33	0.20	0.33	0.13	-
34		-	∞.	-
35	1.52	0.25	0.15	-
36	0.76	-	1.70*	-
37	0.20	ee	0.23	œ
38		~	-	-
39	•	-	-	~
40	-	-		• ••
41	~	-		*
42	-	-	•	-
43	1.32	1.78	1.63	-
44	-	-		

Table 12. (Continued)

Day of				
Day of 1975	Central	South West	South East	North West
45	-	-	••	-
46	-	-	-	-
47	0.08	-	-	0.08
48	0.38	0.43	•	0.13
49	-	0.10	-	0.23
50	-		· -	Trace
51	-	-		•
52	-	-	-	-
53	•	-	-	-
54	1.02	0.86	-	1.37
55	0.74	0.74	2.34	0.46
56	-	-	-	-
57	-	-	•	•
58	-	-	-	-
59	-	-	0.33	-
60	-	see	-	en:
61	-	-	-	•
62	-	•	₹	-
63	-	68	<b>43</b>	-
64	-	-	•	•
65	-	-	•	-
66	0.13	-	-	0.10

Table 12. (Continued)

Day of 1975	Central	South West	South East	North West
67	, G88	40)	-	ense
68	646)	0.56	<b>600</b>	990
69	0.64	∞	an	0.38
70	680	cos	0.48	0.20
71	1.70	2.03		1.65
72	0.96	4.0	3.68	0.23
73	2.62	3.10	-	3.00
74	440	900	1.73	0.10
75	0.28	460	-	96
76	1.04	0000	1.40	1.22
77	æ	. 660	••	90%
78	4.62	5.59	3.86	4.65
79	œ	are.	-	659
80	dise	496	∞	466
81	0.02	0.23		0.13
82	<b>ant</b> )	246	605	0.02
83	1.73	1.55	one one	1.90
84	(No.)	e (86)	1.96	Trace
85	cop	<b>.</b> '	60	· ·
86	ata)	esb		GMD
87	<b>200</b> 0	ess.	-	ees
88	0.02	•••	-	Trace

Table 12. (Continued)

Day of				
Day of 1975	Centra1	South West	South East	North West
89	1.19		1.09	1.17
90	40	1.22	4	•
91	<b>ab</b>	-		-
92	-	-		-
93	0.58	0.53		0.41
94	-	-		
95	-	<b>-</b>		·
96	-	-		-
97	-	-		•••
98	-	-		-
99	-	-		-
100	-	-		-
101	***	•		-
102	-	-		•
103	0.08	-		**
104	<b>-</b> '	-		•
105	2.03	2.11		2.08
106	-	-	•	-
107	-	-	$\downarrow$	89
108	0.05			0.05
109	0.13	0.48	3.22	0.08
110	-	c89		-

Table 12. (Continued)

Day of 1975	Central	South West	South East	North West
111	-		~	605
112		-	-	60
113	40	<b>-</b>	-	•
114	0.96	0.97	-	0.13
115	2.26	1.98	0.86	2.13
116	-	-	1.90	0.86
117	40	-	on on	, <b>480</b>
118	460	-	-	Trace
119	1.04	-	0.84	1.02
120	40	1.17	0.28	2.03
121	2.06	1.98		•
122	•	0.05	ec ec	0.08
123	eo	<b>60</b>	ess	Trace
124	2.08	2.13	4.17	2.01
125	ne	-	-	Trace
126	1.21	0.84	odo	400
127	-	-	0.94	1.04
128	•	eno	œ	-
129	400	etr	<b>c</b> o	esp.
130		•	-	<b>***</b>
131	-	40		400
.132	2.67	400	<b></b>	60

Table 12. (Continued)

			as teru tikkon pilipak pikan memerapapak an disak kekatan pilak kepada kenopan pada kepada di mendapak an mend	olikaringin kalandara 1882 ang kalandaring ampikil dan sang di karandan manggapang ang s
Day of 1975	Central	South West	South East	North West
133	<b>.</b>	2.36	3.23	2.62
134	636	0.15	-	Trace
135	0.38	-	-	-
136	0.94	1.32	1.14	1.17
137	•	-	0.36	-
138	0.02	-	-	Trace
139	-	-	-	Trace
140	-	<del>-</del>	-	-
141	sing.	-		<b>.</b>
142	0.79	-	-	856
143	ou.	-	0.48	0.46
144	986	0.25	-	0.33
145	0.20	· •s	-	••
146	-	-	0.20	-
147	con	-	495	0.08
148	com		~	
149	0.05	-	opu.	-
150	1.52	-	400	0.58
151	600	-	wo	Trace
152	1.47	3.35	3.02	1.70
153	con .	-	-	•
154	0.76	0.30	0.66	0.48

Table 12. (Continued)

Day of 1975	Central	South West	South East	North West
155	Compensation of the Compen	The state of the s		The Part of the Pa
156	0.58	<b>-</b> ·	0.13	
157	0.05	0.64	0.79	0.76
158	**	-		
159	sso	-	-	ale
160	989	••	-	an
161	0.02	-	-	. , «⊃
162	0.51	<b>-</b>	-	<b>@</b>
163	1.88	2.24	0.94	1.93
164	-	~	2.11	
165	-	<b>eo</b>	<b>6</b> 0	ma ma
166	•	end	600	eco
167	2.34	4.57	edu	2.26
168	•	660	0.58	-
169	-	0.20	-	-
170	0.05	600	est	•
171	-	en .	<b>u</b> co	••
172	<b>42</b> 0	<b>e</b> p	•	<b>40</b>
173	-	ero	•	■0
174	<b>***</b>	cas	ieno	
175	<b>10</b> 0	<b>GAD</b>	•	940
176	0.81	1.73	seo	ep.

Table 12. (Continued)

Day of 1975	Central	South West	South East	North West
177	90	sa	· · · · · · · · · · · · · · · · · · ·	1.14
178	0.08	Gas	650	œ
179	0.08	0.10	1.52	0.20
180	686	698	**	1998
181	wide	Na.	460	
182	siate .	-	· osb	o <del>si</del> i
183	dB	•	-	069
184	0.41	0.28	265	0.10
185	948	<b>-</b>	0.48	с <del>не</del>
186	<b>46</b>	•	960	æ
187	•	-	œ	960
188	996	on.	œ	SHE
189	1.52	<b>o</b> n	1.07	1.62
190	0.08	••	969	998
191	3.94	660	940	and a
192	0.33	3.86	3.10	3.35
193	0.20	•		0.53
194	9.14	5.59	1.96	6.86
195	1.14	2.95	5.03	4.27
196	0.02	on.	ose.	0.08
197	0.64	-	-	0.64
198	0.08	1.40	0.36	100

Table 12. (Continued)

Day of 1975	Central	South West	South East	North West
199	0.02	eso	-	
200	■	0.13	-	0.02
201	2.67	•	-	-
202	0.10	2.79	4.62	2.39
203	ae ae	60	-	•
204	<del>nii</del>	•	<b>80</b>	40
205	0.10	•	wa .	•
206	eso .	rasp	0.18	0.08
207	50		-	
208	80	0.97		coh
209	1.24	on .	***	•60
210	984	œ	0.86	1.88
211	966	-	est.	ec
212	069	æ	-	60
213	<b>5</b> 30	æ	<b>4</b>	<b>c</b>
214	94S	40	-	es
215	ma ,	-		ed
216	4/9	0.43	•	•
217	0.64	2.77	0.38	0.61
218	2.41		1.27	2.16
219	966	0.18		0.02
220	••	***	∞	•

Table 12. (Continued)

Day of 1975	Central	South West	South East	North West
221	Gas.	-	-	-
222	-	-	-	-
223	0.13	-	-	Trace
224	-	0.79	-	0.23
225	0.05	-	-	
226	0.76	-	•	1.02
227	-	-	-	<del>-</del>
228	3.56	-	-	5.23
229	0.13	2.87	-	0.33
230	-	- *	-	Trace
231	-	-	-	-
232	-	-	-	-
233	•	-	•	-
234	, se	· -	-	-
235	-	-	-	-
236	••	0.02	-	· •
237	-	-	-	-
238	-	-	-	-
239	-	-	-	
240	-	-	-	
241	-	- /	-	-
242	-	•	esa	•

Table 12. (Continued)

Day of 1975	Central	South West	South East	North West
243	6.98	5.10	4.06	7.16
244	0.76	1.12	2.34	0.81
245	•	-	<b>60</b>	-
246	-	-	-	60
247	-	-	-	90
248	0.10	-		10
249	0.18	0.28		0.20
250	0.76	-	1.73	0.86
251	0.08	-	-	0.05
252	0.05	-	-	-
253	-	•	• .	••
254	0.25	<b>-</b>	-	0.13
255	0.13	1.12	-	0.20
256	50	0.18	0.46	••
257	-	-		48)
258	0.05		-	•
259	-	<b>-</b> .	on.	GMF
260	-	7	•	<b>6</b> 63
261	-	-	•	1.70
262	2.36	1.90	2.72	0.99
263	-	0.02		66
264	0.02	-	<b>3</b> 0	498

Table 12. (Continued)

Centimeters of water					
Day of 1975	Centra1	South West	South East	North West	
265	1.27	5.13	-	•	
266	5.74	2.69	5.99	5.38	
267	1.65	2.39	2.44	2.84	
268	4.50	3.10	0.15	3.28	
269	3.89	-	1.65	2.59	
270	0.05	-	1.90	0.05	
271	-	-	-	<b>-</b>	
272	-	-	-	-	
273	-	-	-	-	
274	0.02	<b>-</b> .	-	-	
275	-	~	-		
276	-		-	an	
277	-	-	•	-	
278		-	-	-	
279	0.02	•	-	-	
280	-	-	-	-	
281	0.76	-	-	**	
282	2.84	-	(	3.43	
283	0.23	1.42	2.94	0.38	
284	0.10	-	<b>46</b>	0.08	
285	-	-	-	-	
286	-	-	-	-	

Table 12. (Continued)

Centimeters of Water

Day of 1975				
1975	<u>Central</u>	South West	South East	North West
287	-	60	<b>46</b> 0	-
288	-	-	<b>69</b>	-
289	ова	0.51	<b>w</b> 0	-
290	3.63	-	0.64	(
291	0.13	<b>40</b>	3.50	3.15
292	<b>4</b> 57	-	<b>5</b> 0	0.15
293	•		sa)	Trace
294	· -	-	ess .	-
295	-	-	-	-
296	<b>=</b> 0	-		
297	980	, 980	oe .	Trace
298	0.43	-	0.56	0.43
299	•	-	60	-
300	•	<b></b>	460	•
301	•	. •	960	••
302	-	· • .	one.	255
303	0.89	-	-	400
304	-	1.60	œ	qu
305	-	••	990	a
306	-	-	•	•••
307	-	<b>6</b> 0	-	-
308	-		æ	-

Table 12. (Continued)

Day of 1975	Central	South West	South East	North West
309	. •	-	-	-
310	-	-	. • .	-
311	•	-	-	-
312	-	-	-	0.18
313	0.05	600	-	Trace
314	0.30	0.26	-	0.20
315	0.05	0.13	-	0.10
316	2.77	4.01	-	0.66
317	1.09	-	5.03	3.33
318	-	-	-	-
319	- '	-	-	-
320	-	<b>-</b>	-	-
321	-	-	-	-
322	-	-	-	-
323	-	-	-	-
324	0.02	-	-	· •
325	0.51	0.58	-	0.43
326	<u>-</u>	-	•	0.02
327	-	-	-	-
328	-	<u>.</u>	•	-
329	0.02	-	-	•
330		-	-	425

Table 12. (Continued)

Day of 1975	Central	South West	South East	North West
331	0.05	**	~	<b>85</b>
332	-	•	0.69	0.10
333	-	-	-	-
334	-	<b>a</b> 0	•	••
335	0.56	<b>a</b>	0.38	0.33
336	0.08	<b>60</b>	-	-
337	-		-	. <b>46</b> 0
338	-	-	-	600
339	•	-	-	-
340	0.38	-	-	0.02
341	-	1.30	0.43	0.38
342	0.18		-	0.25
343	0.81	1.27	-	0.66
344	0.02	∞	0.89	0.20
345	-	-	-	<b>60</b>
346	-	-	·-	-
347	0.28	0.36	0.30	0.28
348	**	66	40	
349	<b>10</b>	0.20	-	Trace
350	0.18	1	0.25	0.13
351	-			•
352	400		•	**

Table 12. (Continued)

Day of 1975	Central Central	South West	South East	North West
353	ca.	-	-	-
354	-		<b>-</b> ,	-
355	-		-	-
356	-		-	-
357	omo.		-	-
358	es e		-	-
359	0.51		-	. •
360	2.31		1.80	4.06
361	999		-	-
362			-	-
363	Sep.		<b>a</b>	-
364	0.96	$\downarrow$	-	0.99
365	6.15	5.10	2.18	1.75

Figure 11

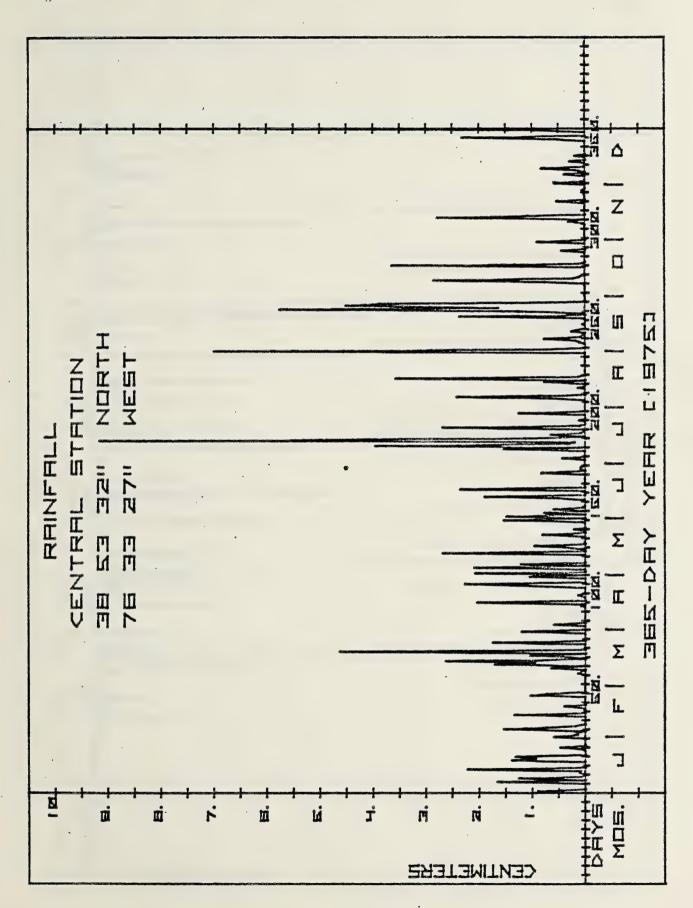


Figure 11a.

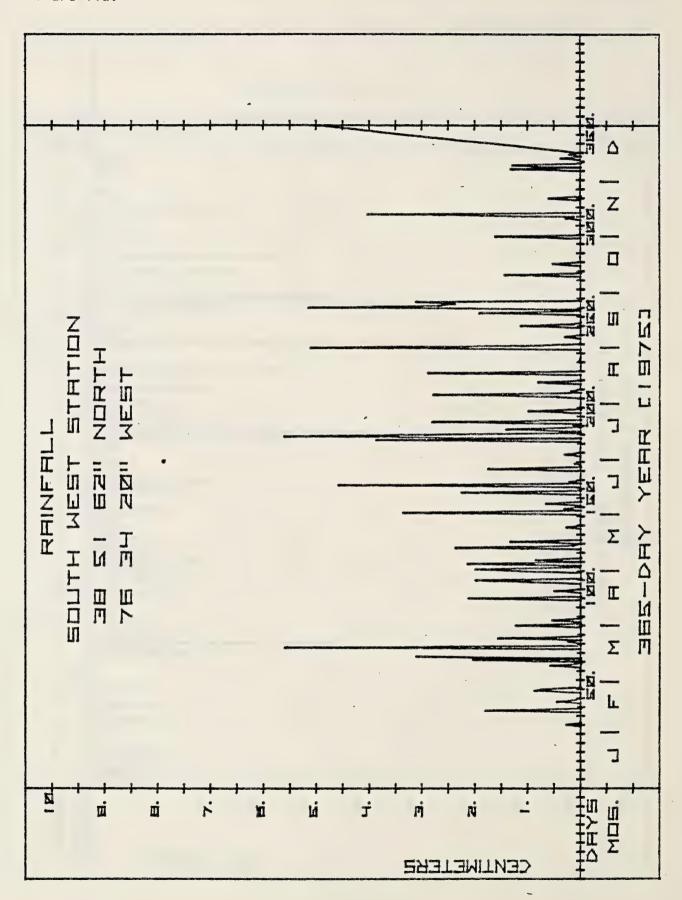


Figure 11b.

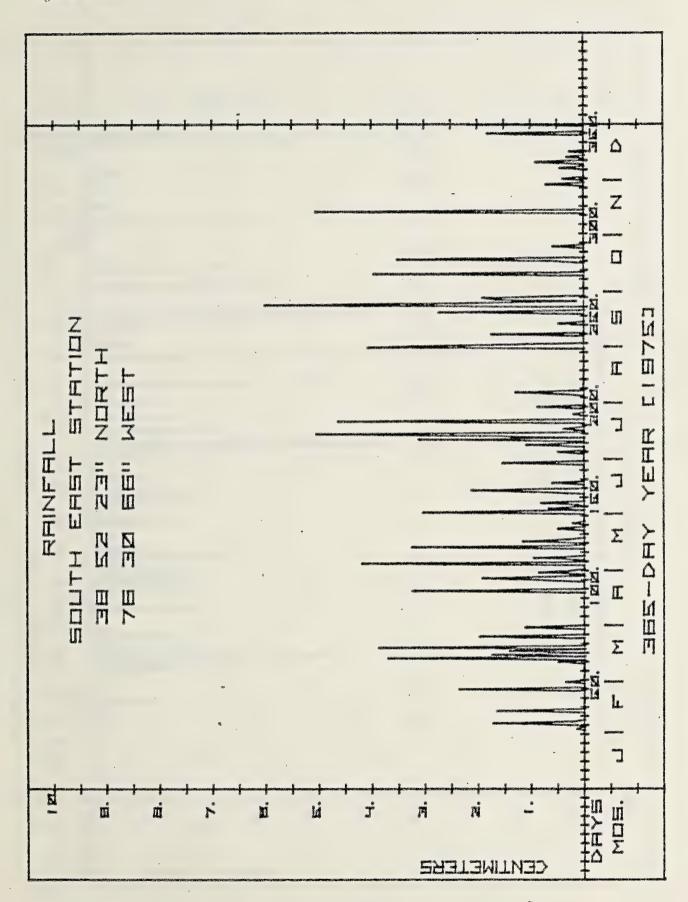


Figure 11c.

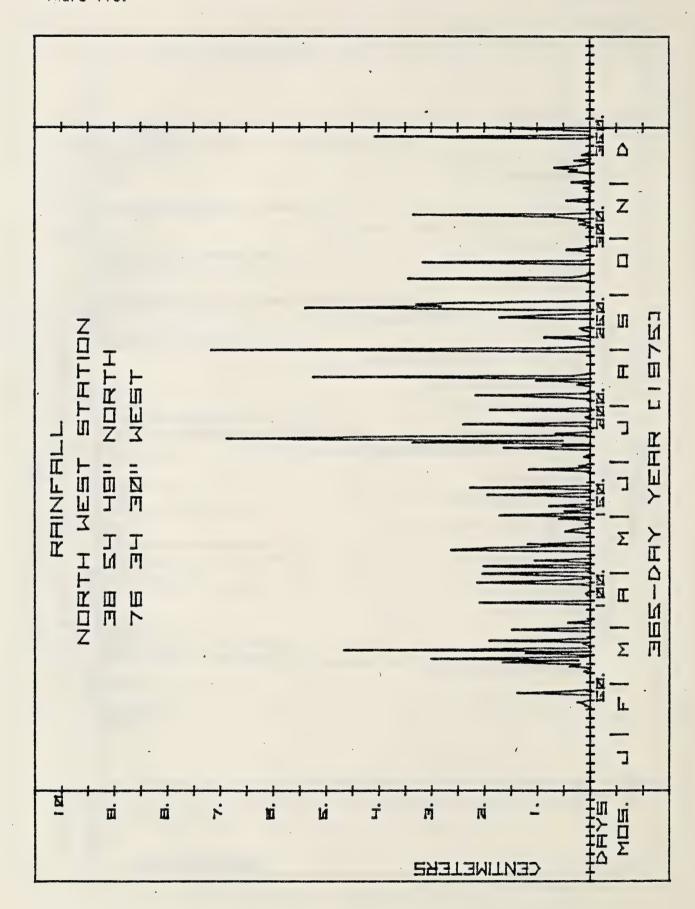


Table 13. Evaporation pan data

Day of 1975	Water temperature C	Day of 1975	Water temperature
234	31.1	257	499
235	<b>≈</b>	258	960
236	uap .	259	23.3
237	esc .	260	œ
238	37.8	261	27.8
239	38.9	262	. 640
240	34.4	263	©
241	Gas	264	ac '.
242	one one	265	50
243	490	266	-
244	œ	267	out out
245	98	268	oe3
246	690	269	esp:
247	we we	270	26.7
248	œ	271	<b>693</b>
249	32.2	272	æ
250	on .	273	25.6
251	ass	274	26.7
252	28.9		
253	999		
254	25.6		
255	des		
256	960	~	

Table 13. (Continued)

Day of 1975	Evaporation Cm	Day of 1975	Evaporation Cm	Day of 1975	Evaporation - Cm
139	1.22	163	0.11	187	**
140	-	164	0.34	188	1.88
141	0.94	165	-	189	5 0 07
142	0.62	166	-	190	0.91
143	0.57	167	4.36	191	0.25
144		168		192	0.28
145		169	-	193	<b>60</b>
146		170	0.54	194	••
147	-	171	0.76	195	-
148	2.42	172	-	196	-
149	0.55	173	~	197	480
150	0.44	174	2.24	198	-
151	-	175	-	199	
152	-	176	-	200	
153	·-	177	-	201	3.40
154	-	178	0.96	202	) 3.40
155	-	179	-	203	
156	2.56	180	0.77	204	(
157	0.70	181 -	0.54	205	6.22
158	-	182	-	206	0.33
159	-	183	1.38	207	ust .
160	-	184	0.75	208	1.64
161	swi	185 :	-	209	( 1.04
162	2.56 ·	186	-	210	que

Table 13. (Continued)

Day of 1975	Evaporation Cm	Day of 1975	Evaporation Cm
211	1.24	235	•
212	0.61	236	66
213	0.58	237	401
214	1 70	238	0.28
215	1.70	239	0.42
216			
217	-		
218	on .		
219	-		
220	40		
221	No.		
222	•		
223	-		
224	40		
225	~		
226	-		
227	-		4
228	•		,
229			
230	-		
231	-		
232	-		
233	-		
234			

Figure 12.

